

 ICOM

AMATEUR PRODUCTS
SIMPLY THE BEST



Icom Inc.



com's commitment to technical excellence has become our trademark in the amateur radio world. And just like you, the serious amateur, we expect and settle for nothing but the best. So it's no wonder the list of Icom innovations is so long.

Optical fiber technology, enlarged CRT displays with spectrum scopes, advanced transceivers on the 1200 MHz band, fully automatic HF antenna tuners, Icom's exclusive DDS System and the CI-V System for computer-controlled communications: these and so many other innovations are why Icom remains the worldwide leader in amateur radio.

HF ALL BAND TRANSCEIVERS

- 1 **IC-781**
<SSB, CW, RTTY, AM, FM>
- 2 **IC-765**
<SSB, CW, RTTY, AM, FM>
- 3 **IC-725**
<SSB, CW, AM, FM>
- 4 **IC-726**
HF/50 MHz <SSB, CW, AM, FM>
- 5 **IC-751A**
<SSB, CW, RTTY, AM, FM>
IC-735
<SSB, CW, AM, FM>

ALL MODE TRANSCEIVERS

- 6 **IC-970**
144/430/1200 MHz
<SSB, CW, FM>
- 7 **IC-575**
28/50 MHz <SSB, CW, AM, FM>
- IC-275**
144 MHz <SSB, CW, FM>
- 8 **IC-475**
430 MHz <SSB, CW, FM>
- IC-1275**
1200 MHz <SSB, CW, FM, ATV>

SUPER MULTI-BANDER

- 9 **IC-901**
28/50/144/220/430 (440)/1200 MHz
<FM>, 144 MHz
<SSB, CW>

FM MOBILE TRANSCEIVERS

- 10 **IC-2400**
144/430 (440) MHz
IC-3220
144/430 (440) MHz
- 11 **IC-229**
144 MHz
IC-3210
144/430 (440) MHz
- 12 **IC-28**
144 MHz
IC-228
144 MHz
- 13 **IC-449**
430 (440) MHz
IC-448
430 (440) MHz
- 14 **IC-1201**
1200 MHz
IC-2500
430 (440)/1200 MHz

WORLD AT YOUR FINGERTIPS.



DUAL BAND FM HANDHELD TRANSCIVERS

- 5 IC-24**
144/430 (440) MHz
- 6 IC-32**
144/430 (440) MHz

FM HANDHELD TRANSCIVERS

- 17 IC-2S**
144 MHz
- IC-2ST**
144 MHz
- 18 IC-2G**
144 MHz
- IC-02**
144 MHz
- IC-2**
144 MHz
- 19 IC-4S**
430 (440) MHz
- IC-4ST**
430 (440) MHz
- 20 IC-4G**
430 (440) MHz
- IC-04**
430 (440) MHz
- IC-12G**
1200 MHz

220 MHz TRANSCIVERS

- 21 IC-375A**
ALL MODE <SSB,
CW, FM>
- IC-38A**
MOBILE <FM>
- 22 IC-3SAT**
HANDHELD <FM>
- IC-03AT**
HANDHELD <FM>

LINEAR AMPLIFIER

- 23 IC-4KL**
1 kW HF LINEAR
AMPLIFIER

REPEATERS

- 24 IC-RP1510**
144 MHz
- IC-RP2210**
220 MHz
- IC-RP4020**
430 (440) MHz
- IC-RP1220**
1200 MHz

RECEIVERS

- 25 IC-R9000**
HF, VHF, UHF <SSB,
CW, RTTY, AM, FM,
WIDE FM>
- 26 IC-R71**
HF <SSB, CW,
RTTY, AM, FM>
- IC-R72**
HF <SSB, CW,
AM, FM>
- 27 IC-R7000**
HF, VHF, UHF <SSB,
CW, AM, FM, WIDE
FM>
- 28 IC-R100**
HF, VHF, UHF <AM,
FM, WIDE FM>
- IC-R1**
HF, VHF, UHF <AM,
FM, WIDE FM>

The Icom name has become synonymous with innovation, dependability and high quality craftsmanship the world over. And it's a name we continually live up to by manufacturing newer and better products for serious amateurs everywhere. Icom's global reach means that an extensive international network of customer service centers is now established and ready to assist you anywhere, anytime. Icom reliability, so count on us!

All stated specifications are subject to change without notice or obligation.

All dimensions do not include projections.

Ask your Icom Dealer for more information for each product.

ICOM

IC-781



FEATURES

DESCRIPTION

- 5-inch CRT DISPLAY
- DUAL WATCH
- SPECTRUM SCOPE
- TWIN PASSBAND TUNING
- BUILT-IN FULLY AUTOMATIC ANTENNA TUNER
- 105 dB DYNAMIC RANGE
- DDS SYSTEM
- 99 MEMORY CHANNELS
- 150 W OUTPUT POWER
- BAND STACKING REGISTERS
- CW FULL AND SEMI BREAK-IN
- FULL DUTY CYCLE RATED
- BUILT-IN ELECTRONIC KEYS
- VARIABLE AUDIO PEAK FILTER
- ADJUSTABLE NOTCH FILTER
- INDEPENDENT RIT/ Δ TX FOR VFO A AND VFO B FREQUENCIES
- BUILT-IN CLOCK AND TIMERS
- PROGRAMMED, Δ F, FINE, MEMORY AND SELECTED MODE MEMORY CHANNEL SCAN FUNCTIONS
- ADJUSTABLE AGC
- WIDE/NARROW SSB AND CW FILTERS
- 10, 20, AND 30 dB ATTENUATORS
- BUILT-IN 10 dB PREAMPLIFIER
- GENERAL COVERAGE RECEIVER
- BUILT-IN POWER SUPPLY
- OPTIONAL VOICE SYNTHESIZER UNIT
- VIDEO OUTPUT AND ASCII DATA INPUT FOR CRT DISPLAY

Icom's communications masterpiece.

Once in awhile a product merits the term "masterpiece." This is one such time and one such product. Nothing can quite compare with owning an IC-781, the world's most advanced HF transceiver.

The IC-781 includes many futuristic features not found elsewhere: a large screen multi-function CRT display, spectrum scope, dual watch, band stacking registers, wide and narrow SSB filters, 99 memory channels with 10-character note capability, clock with timer functions, excellent frequency stability and numerous other features.

CW operators will love its semi and full break-in capability, built-in iambic keyer and CW narrow filter.

Small wonder the IC-781 is being recognized everywhere as a communications masterpiece.

SPECIFICATIONS

• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.10000 ~ 30.00000 MHz • **Tuning step increment:** 10 Hz or 1 kHz • **Power supply requirement:** 100 ~ 120 V AC or 200 ~ 240 V AC • **Max. power consumption:** 760 VA • **Dimensions:** 425(W) × 149(H) × 411(D) mm; 16.7(W) × 5.9(H) × 16.2(D) in • **Output power:** 15 ~ 150 W (SSB, CW, RTTY, FM), 8 ~ 75 W (AM) • **Modes:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) • **Sensitivity (preamp ON):** SSB, CW, RTTY (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 0.5 μ V, 0.5 ~ 1.8 MHz/less than 1.0 μ V, 1.8 ~ 30 MHz 0.16 μ V, AM (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 3.2 μ V, 0.5 ~ 1.8 MHz/less than 6.3 μ V, 1.8 ~ 30 MHz/less than 1.0 μ V, FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.32 μ V • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load



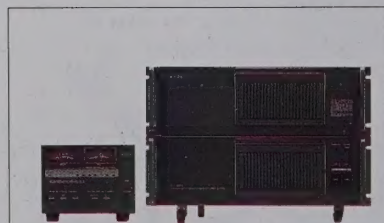
SP-20
EXTERNAL SPEAKER
WITH AUDIO FILTERS



CT-17
CI-V LEVEL
CONVERTER



SM-8
DESKTOP MICROPHONE



IC-4KL 1 kW HF LINEAR AMPLIFIER

IC-765



FEATURES

- 105 dB DYNAMIC RANGE
- FULLY AUTOMATIC ANTENNA TUNER
- TUNING DATA MEMORY CAPABILITY
- DDS SYSTEM
- BAND STACKING REGISTERS
- BUILT-IN CW NARROW FILTER
- CW PITCH CONTROL FUNCTION
- IF SHIFT FUNCTION
- ADJUSTABLE NOTCH FILTER
- DIRECT KEYBOARD FREQUENCY ENTRY
- RF-TYPE SPEECH COMPRESSOR
- ADJUSTABLE NOISE BLANKER
- 10, 20, 30 dB SELECTABLE ATTENUATORS AND PREAMPLIFIER
- RIT/Δ TX CONTROLS
- BUILT-IN POWER SUPPLY
- FULL DUTY CYCLE RATED
- 99 MEMORY CHANNELS
- VERSATILE SCAN FUNCTIONS
- OPTIONAL VOICE SYNTHESIZER UNIT
- CI-V SYSTEM FOR COMPUTER CONTROL

DESCRIPTION

Widen your HF world.

Now DX enthusiasts have a lot to be excited about. The IC-765 is an advanced HF transceiver designed specifically for DX domination. The transceiver includes Icom's DDS (Direct Digital Synthesizer) System as well as a high-speed fully automatic antenna tuner with tuning data memory.

A built-in IF shift, notch filter and CW narrow filter ensure that noise and interference are reduced or eliminated. Band stacking registers store the last-used frequency and mode, etc., for each band.

And the IC-765 has many other useful functions for CW operators such as an electronic keyer with iambic key operation capability and a full break-in function.

Also, Icom's DFM (Direct Feed Mixer) method receiver ensures 105 dB dynamic range and a +23 dB high intercept point.

SPECIFICATIONS

• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.10000 ~ 30.00000 MHz • **Tuning step increment:** 10 Hz or 1 kHz • **Power supply requirement:** 100 ~ 120 V AC or 220 ~ 240 V AC • **Max. power consumption:** 650 VA • **Dimensions:** 424(W) × 150(H) × 390(D) mm; 16.7(W) × 5.9(H) × 15.4(D) in • **Output power:** 10 ~ 100 W (SSB, CW, RTTY, FM), 10 ~ 40 W (AM) • **Mode:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) • **Sensitivity (preamp ON):** SSB, CW, RTTY (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 0.7 μV, 0.5 ~ 1.8 MHz/less than 1.0 μV, 1.8 ~ 30 MHz/less than 0.15 μV. AM (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 4.4 μV, 0.5 ~ 1.8 MHz/less than 6.3 μV, 1.8 ~ 30 MHz/less than 1.0 μV. FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.3 μV • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load

IC-2KL
500 W HF LINEAR
AMPLIFIER



IC-AT500
500 W AUTOMATIC
ANTENNA TUNER



EX-627
HF AUTOMATIC
ANTENNA SELECTOR

UT-36
VOICE SYNTHESIZER
UNIT



GC-5 WORLD
CLOCK



IC-725



FEATURES

DESCRIPTION

- ULTRA-COMPACT AND LIGHTWEIGHT
- EASY TO OPERATE
- 105 dB DYNAMIC RANGE
- DDS SYSTEM
- DUAL VFOs WITH SPLIT CAPABILITY
- + Δf FUNCTION FOR ADDING OR SUBTRACTING RIT FREQUENCY
- 26 MEMORY CHANNELS
- BAND STACKING REGISTERS
- GENERAL COVERAGE RECEIVER: 30 kHz ~ 33 MHz*
- CW SEMI BREAK-IN
- VERSATILE SCAN FUNCTIONS
- ALL MODE SQUELCH
- PREAMPLIFIER AND ATTENUATOR
- NOISE BLANKER
- OPTIONAL HF AUTOMATIC ANTENNA TUNER
- 10 Hz FREQUENCY READOUT
- OPTIONAL CW NARROW FILTER
- CI-V SYSTEM FOR COMPUTER CONTROL

* Specifications guaranteed 500 kHz ~ 30 MHz.

Compact power performances.

It's amazing how Icom has put so much technology into an HF transceiver so compact and easy to use. Size is just one reason for the IC-725's enormous popularity in the amateur radio field. Features and performance are the others. The IC-725 is ideal for base station, mobile or portable operation. Built-in are Icom's DDS (Direct Digital Synthesizer) System, band stacking registers, a 105 dB dynamic range, and other features.

The IC-725 and an optional AH-3 HF AUTOMATIC ANTENNA TUNER combination allow you to operate in places where a long antenna element is difficult to use — in cars, apartments, condos or in the field.

SPECIFICATIONS

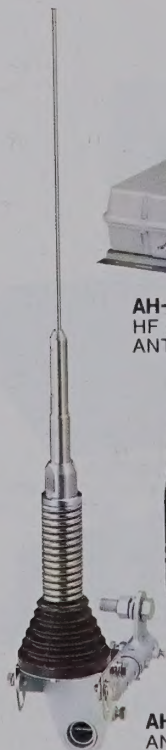
• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.03000 ~ 33.00000 MHz (Specifications guaranteed 0.50000 ~ 30.00000 MHz.) • **Tuning step increment:** 10 Hz, 20 Hz, 50 Hz, 1 kHz or 1 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** 20 A • **Dimensions:** 241(W) \times 94(H) \times 239(D) mm; 9.5(W) \times 3.7(H) \times 9.4(D) in • **Output power:** 10 ~ 100 W (SSB, CW, FM), 10 ~ 40 W (AM) • **Mode:** SSB (A3J), CW (A1), AM (A3), FM (F3) (An optional UI-7 AM-FM UNIT is required for AM and FM transmitting and FM receiving.) • **Sensitivity (preamp ON):** SSB, CW (for 10 dB S/N): 1.8 ~ 30 MHz/less than 0.15 μ V, AM (for 10 dB S/N): 1.8 ~ 30.0 MHz/less than 2.0 μ V, FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.5 μ V • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load



AH-3
HF AUTOMATIC
ANTENNA TUNER



AT-150
HF AUTOMATIC
ANTENNA TUNER



AH-2b
ANTENNA ELEMENT

MB-23
CARRYING
HANDLE



CR-64
HIGH-STABILITY
CRYSTAL UNIT

UI-7
AM-FM UNIT

IC-726



FEATURES

- 1.8 ~ 50 MHz BAND OPERATION
- WIDE COVERAGE RECEIVER: 30 kHz ~ 33 MHz AND 46.2 ~ 61.1 MHz*
- WIDE DYNAMIC RANGE
- ULTRA-COMPACT AND LIGHTWEIGHT
- EASY TO OPERATE
- HIGH-SENSITIVITY RECEIVER
- DDS SYSTEM
- DUAL VFOs WITH SPLIT CAPABILITY
- BAND STACKING REGISTERS
- + Δ f FUNCTION FOR ADDING OR SUBTRACTING RIT FREQUENCY
- ALL MODE OPERATION
- 26 MEMORY CHANNELS
- PROGRAMMED, MEMORY AND SELECTED MODE MEMORY SCAN FUNCTIONS
- PREAMPLIFIER AND ATTENUATOR
- CW SEMI BREAK-IN
- OPTIONAL CW NARROW FILTER
- ALL MODE SQUELCH
- 10 Hz FREQUENCY READOUT
- OPTIONAL HF AUTOMATIC ANTENNA TUNER
- CI-V SYSTEM FOR COMPUTER CONTROL

* Specifications guaranteed 500 kHz ~ 30 MHz and 50 ~ 54 MHz.

DESCRIPTION

Hot action on the HF and 50 MHz bands.

The HF and 50 MHz bands are alive as never before now that sunspot Cycle 22 is in peak condition. Get in on all the hot action now with an IC-726, Icom's powerful performer from the 1.8 to 50 MHz bands.

This compact, easy-to-use transceiver includes all mode capability, general coverage reception on HF bands, Icom's DDS (Direct Digital Synthesizer) System, dual VFOs, band stacking registers, etc.

An optional AH-3 HF AUTOMATIC ANTENNA TUNER will allow you to operate the IC-726 in a variety of convenient locations — in your car, home or in the field.

Cycle 23 begins in the next century, so act now to enjoy worldwide communications with the IC-726.

SPECIFICATIONS

• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12, 10 and 6 meter amateur bands, Receive/0.03000 ~ 33.00000 MHz, 46.20000 ~ 61.10000 MHz (Specifications guaranteed 0.50000 ~ 30.00000 MHz, 50.00000 ~ 54.00000 MHz.) • **Tuning step increment:** 10 Hz, 20 Hz, 50 Hz, 1 kHz or 1 MHz • **Power supply requirement:** 13.8 V DC ±15% • **Max. current drain:** 20 A • **Dimensions:** 241(W) × 94(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Output power:** (1.8 ~ 28 MHz bands) 10 ~ 100 W (SSB, CW, FM), 10 ~ 40 W (AM), (50 MHz band) 1 ~ 10 W (SSB, CW, FM) 1 ~ 4 W (AM) • **Mode:** SSB (A3J), CW (A1), AM (A3), FM (F3) • **Sensitivity (preamp ON):** SSB, CW (for 10 dB S/N): 1.8 ~ 30 MHz/less than 0.15 μV, 50.0 ~ 54.0 MHz/less than 0.13 μV. AM (for 10 dB S/N): 1.8 ~ 30 MHz and 50.0 ~ 54.0 MHz/less than 2.0 μV. FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.5 μV, 50.0 ~ 54.0 MHz/less than 0.3 μV • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load

PS-55
AC POWER SUPPLY**SP-7**
EXTERNAL
SPEAKER**HP-2**
COMMUNICATION
HEADPHONES**SM-6**
DESKTOP MICROPHONE**IC-MB5**
MOBILE
MOUNTING
BRACKET

IC-751A

IC-735



DESCRIPTION

Surpass your rivals.

Stay ahead of the pack in the HF world with the renowned IC-751A. This versatile model features 105 dB dynamic range, 32 tunable memory channels, a built-in 500 Hz/-6 dB CW narrow filter, notch filter, passband tuning, and an electronic keyer with full or semi break-in capability to make DX'ing a breeze.

Just connect the IC-751A with the optional IC-2KL 500 W HF LINEAR AMPLIFIER and IC-AT500 500 W AUTOMATIC ANTENNA TUNER, and an uncompromising DX system will be yours.

FEATURES

- 105 dB DYNAMIC RANGE
- BUILT-IN ELECTRONIC KEYS
- CW FULL AND SEMI BREAK-IN
- 500 Hz/-6 dB CW NARROW FILTER INCLUDED
- PASSBAND TUNING
- BUILT-IN ATTENUATOR
- PREAMPLIFIER
- ADJUSTABLE NOISE BLANKER
- RIT AND Δ TX FUNCTIONS
- 32 MEMORY CHANNELS
- 100% DUTY CYCLE RATED
- OPTIONAL CI-V SYSTEM

SPECIFICATIONS

• **Frequency coverage:** Transmit/160-10 meter amateur bands, Receive/0.1-30 MHz • **Max. current drain (at 13.8 V DC):** 20 A • **Dimensions:** 306(W) x 115(H) x 355(D) mm; 12.0(W) x 4.5(H) x 14.0(D) in • **Max. Output power:** 100 W (SSB, CW, RTTY, FM), 40 W (AM) • **Modes:** SSB, CW, RTTY, AM, FM • **Max. sensitivity (preamp ON):** 0.1-0.5 MHz/3 μ V (AM), 0.5-1.6 MHz/6 μ V (AM), 1.6-30 MHz/0.15 μ V (SSB, CW, RTTY), 1 μ V (AM), 28-30 MHz/0.3 μ V (FM) SSB, CW, RTTY, AM: for 10 dB S/N, FM: for 12dB SINAD

DESCRIPTION

Proven HF winner.

Thanks to its superbly engineered features, the IC-735 has gained a formidable reputation in the HF world. Including 105 dB dynamic range, passband tuning, stable 100 W output power with 100% duty cycle and more, it's no exaggeration to call the IC-735 today's most versatile compact HF transceiver.

With an optional AH-2a HF AUTOMATIC ANTENNA TUNER, you can operate even in places where a long antenna element is difficult to use — in your vehicle, apartment or in the field.

FEATURES

- 105 dB DYNAMIC RANGE
- PASSBAND TUNING
- NOISE BLANKER
- 12 MEMORY CHANNELS
- CW SEMI AND FULL BREAK-IN
- VOX FUNCTION
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- ATTENUATOR AND PREAMPLIFIER
- ADJUSTABLE NOTCH FILTER
- GENERAL COVERAGE RECEIVER
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** Transmit/160-10 meter amateur bands, Receive/0.1-30.0 MHz • **Max. current drain (at 13.8 V DC):** 20 A • **Dimensions:** 241(W) x 94(H) x 239(D) mm; 9.5(W) x 3.7(H) x 9.4(D) in • **Max. output power:** 100 W (SSB, CW, FM), 40 W (AM) • **Modes:** SSB, CW, FM, AM • **Max. sensitivity (preamp ON):** 0.1-1.6 MHz/6 μ V (AM), 1.6-30 MHz/0.15 μ V (SSB, CW), 1 μ V (AM), 0.5 μ V (FM) SSB, CW, AM: for 10 dB S/N, FM: for 12 dB SINAD

AH-2a
HF AUTOMATIC
ANTENNA TUNER

SP-7
EXTERNAL SPEAKER

IC-SP3
EXTERNAL
SPEAKER

IC-PS15
AC POWER SUPPLY

IC-AT500
500 W AUTOMATIC
ANTENNA TUNER

IC-970



FEATURES

IC-970A (U.S.A. version)
IC-970E (Europe version)
IC-970H (High power version)

- 144, 430 MHz AND OPTIONAL 1200 MHz ALL MODE CAPABILITY
- SIMULTANEOUS DUAL BAND WATCH
- OPTIONAL 50 ~ 905 MHz RECEIVING
- SOPHISTICATED DDS SYSTEM
- FREQUENCY TRACKING FUNCTION FOR SATELLITE COMMUNICATION
- 10 SATELLITE MEMORY CHANNELS
- INDEPENDENT CONTROLS FOR MAIN AND SUB BANDS
- EXTRA-LARGE FUNCTION DISPLAY
- DIRECT KEYBOARD ENTRY
- SUB BAND ACCESS FUNCTION FOR INSTANT SUB BAND SETTINGS
- CLICK FUNCTION FOR MAIN DIAL
- MULTIPLE SCAN FUNCTIONS
- DATA CONNECTOR TO CONNECT TNC
- NOTCH FILTER TO ELIMINATE QRM
- BUILT-IN SPEECH COMPRESSOR
- DELAY TIME ADJUSTABLE CW SEMI BREAK-IN CAPABILITY
- PAGER AND CODE SQUELCH
- OPTIONAL CW NARROW FILTERS
- OPTIONAL HIGH-STABILITY CRYSTAL
- POCKET BEEP AND OPTIONAL TONE SQUELCH
- SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- 1750 Hz TONE CALL (EUROPE VERSION)
- CI-V SYSTEM FOR COMPUTER CONTROL

Leading the way in multi band operation.

Enjoy incomparable 144, 430 and 1200 MHz* all mode operation with the futuristic IC-970A/E/H. Incorporating today's finest technology for an unsurpassed multi band performance, this transceiver includes a DDS System that guarantees fast PLL lockup times, plus simultaneous dual band receiving and 99 memory channels for each band.

The automatic frequency tracking function and 10 satellite memory channels make the IC-970A/E/H the ideal choice for satellite enthusiasts. An optional UX-R96 RECEIVER UNIT allows you to listen to a wide range of stations including airplanes, vessels at sea and emergency services in the 50 ~ 905 MHz range even during QSO.

*Available with an optional UX-97 1200 MHz BAND UNIT.

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.1000~150.0000 MHz, (Specifications guaranteed 143.8000~148.2000 MHz.), 430.0000~450.0000 MHz, 1240.0000~1300.0000 MHz,* (Europe version) 144.0000~146.0000 MHz, 430.0000~440.0000 MHz, 1240.0000~1300.0000 MHz • **Max. current drain (at 13.8 V DC):** IC-970A/E: 9 A, IC-970H: 16 A • **Dimensions:** 425(W) × 149(H) × 406(D) mm; 16.7(W) × 5.9(H) × 16.0(D) in • **Max. output power:** IC-970A/E: 144, 430 MHz All mode/25 W, 1200 MHz All mode/10 W, IC-970H: 144 MHz SSB, CW/35 W, FM/45 W, 430 MHz SSB, CW/30 W, FM/40 W, 1200 MHz All mode/10 W • **Mode:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/Less than 0.11 μV for 10 dB S/N, FM/Less than 0.18 μV for 12 dB SINAD

*With an optional UX-97 1200 MHz BAND UNIT.



SP-20
EXTERNAL SPEAKER
WITH AUDIO FILTERS



UX-R96
RECEIVER
UNIT

UX-97
1200 MHz
BAND UNIT



IC-PS35
INTERNAL POWER SUPPLY

28/50 MHz
ALL MODE TRANSCEIVER

144 MHz
ALL MODE TRANSCEIVER

IC-575 IC-275



PS-55
AC POWER SUPPLY



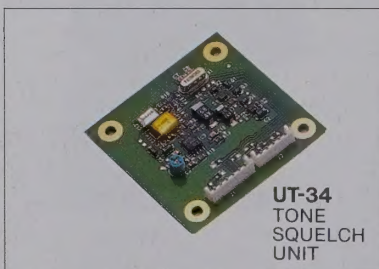
SM-8
DESKTOP
MICROPHONE



CT-17
CI-V LEVEL
CONVERTER



CT-16
SATELLITE
INTERFACE
UNIT



UT-34
TONE
SQUELCH
UNIT

IC-575A (10 W version)
IC-575H (100 W version)

IC-275A (25 W U.S.A. version)
IC-275E (25 W Europe version)
IC-275H (100 W version)

Your place in the sun.

Icom's highly advanced IC-575A/H will put you right where you want to be — at the heart of all the sunspot action during Cycle 22. The IC-575A/H is simply the finest 28 and 50 MHz band transceiver made. You'll be amazed by how it performs. All the latest in Icom's innovative technology has gone into the IC-575A/H including 100 W output power (IC-575H), a noise blanker, IF notch filter plus CW full and semi break-in capability for 28 and 50 MHz DX'ing.

FEATURES

- 100 W OUTPUT POWER (IC-575H)
- DDS SYSTEM
- 99 MEMORY CHANNELS
- SSB, AM, CW AND FM MODES
- WIDE RECEIVER RANGE: 26 ~ 56 MHz
- NOISE BLANKER
- IF NOTCH FILTER
- CW FULL AND SEMI BREAK-IN
- BUILT-IN SPEECH COMPRESSOR
- VERSATILE SCAN FUNCTIONS
- BUILT-IN POWER SUPPLY (IC-575A)
- BUILT-IN PREAMPLIFIER

SPECIFICATIONS

• **Frequency coverage:** Transmit/28.0000 ~ 29.7000 MHz, 50.0000 ~ 54.0000 MHz Receive/26.0000 ~ 56.0000 MHz • **Max. current drain (at 13.8 V DC):** IC-575A: 5.2 A, IC-575H: 20 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** IC-575A: 10 W (SSB, CW, FM), 4 W (AM), IC-575H: 100 W (SSB, CW, FM), 25 W (AM) • **Modes:** SSB (A3J), CW (A1), AM (A3), FM (F3) • **Sensitivity:** SSB, CW: less than 0.13 µV for 10 dB S/N. FM: less than 0.25 µV for 12 dB SINAD. AM: less than 1.0 µV for 10 dB S/N

144 MHz glamour.

The IC-275A/E/H is a glamorous new compact 144 MHz all mode transceiver equipped with the features in demand by today's serious operator. The transceiver includes a highly sensitive receiver and full 100 W output power (IC-275H). The advanced IC-275A/E/H is also equipped with Icom's exclusive DDS (Direct Digital Synthesizer) System, 99 memory channels, multiple scan functions, notch filter and all the other most-wanted features for 144 MHz all mode operation today.

FEATURES

- 100 W OUTPUT POWER (IC-275H)
- DDS SYSTEM
- 99 MEMORY CHANNELS
- USB, LSB, CW AND FM MODES
- BUILT-IN POWER SUPPLY (IC-275A/E)
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- VERSATILE SCAN FUNCTIONS
- ALL MODE SQUELCH
- SUITABLE FOR PACKET RADIO
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.1000 ~ 150.0000 MHz, Receive/138.0000 ~ 174.0000 MHz (Specifications guaranteed 144.0000 ~ 148.0000 MHz.), (Europe version) 144.0000 ~ 146.0000 MHz • **Max. current drain (at 13.8 V DC):** IC-275A/E: 6 A, IC-275H: 20 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** IC-275A/E: 25 W, IC-275H: 100 W • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW: less than 0.10 µV for 10 dB S/N. FM: less than 0.18 µV for 12 dB SINAD

IC-475 IC-1275



IC-475A (25 W U.S.A. version)
IC-475E (25 W Europe version)
IC-475H (75 W version)

IC-1275A (U.S.A. version)
IC-1275E (Europe version)

Fantastic transceiver.

Icom's fantastic IC-475A/E/H brings advanced operations to the discriminating 430 MHz DX'er and satellite communication operator. The transceiver has a full 75 W of output power (IC-475H) and a highly sensitive receiver, yet is so compact. The IC-475A/E/H is equipped with advanced features such as Icom's DDS (Direct Digital Synthesizer) System, 99 memory channels, a variety of scan functions and a built-in notch filter and speech compressor for effective DX'ing.

FEATURES

- DDS SYSTEM
- 99 MEMORY CHANNELS
- USB, LSB, CW AND FM MODES
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- VERSATILE SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- OPTIONAL WEATHERPROOF PREAMPLIFIER
- ALL MODE SQUELCH
- SUITABLE FOR PACKET RADIO
- OPTIONAL VOICE SYNTHESIZER UNIT
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 430.0000 ~ 450.0000 MHz, (Europe version) 430.0000 ~ 440.0000 MHz • **Max. current drain (at 13.8 V DC):** IC-475A/E: 7.5 A, IC-475H: 20 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** IC-475A/E: 25 W, IC-475H: 75 W • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW: less than 0.10 μ V for 10 dB S/N, FM: less than 0.18 μ V for 12 dB SINAD

New age of 1200 MHz.

The new age of 1200 MHz has arrived and leading the way is the sophisticated IC-1275A/E, a remarkable new compact 1200 MHz all mode transceiver with all the most-asked-for features. This transceiver offers a stable 10 W of output power, high sensitivity, 99 memory channels and super-fast scan speeds. The IC-1275A/E also includes Icom's DDS (Direct Digital Synthesizer) System and optional ATV capability. A superb transceiver for serious 1200 MHz explorers.

FEATURES

- ALL-MODE CAPABILITY
- OPTIONAL ATV (AMATEUR TELEVISION) CAPABILITY
- DDS SYSTEM
- GREAT FOR SATELLITE OPERATION
- STABLE 10 W OUTPUT POWER
- 99 MEMORY CHANNELS
- SUITABLE FOR PACKET RADIO OPERATION
- NOISE BLANKER
- OPTIONAL HIGH-STABILITY CRYSTAL UNIT
- VERSATILE SCAN FUNCTIONS
- CI-V SYSTEM FOR COMPUTER CONTROL

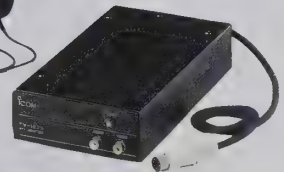
SPECIFICATIONS

• **Frequency coverage:** 1240.0000 ~ 1300.0000 MHz • **Max. current drain:** 6 A (at 13.8 V DC) • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** 10 W • **Mode:** SSB (A3J), CW (A1), FM (F3), ATV (A5 or A9 with an optional TV-1275 ATV ADAPTER.) • **Sensitivity:** SSB, CW: less than 0.11 μ V for 10 dB S/N, FM: less than 0.18 μ V for 12 dB SINAD

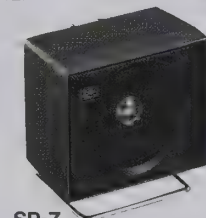
IC-PS30
AC POWER SUPPLY



TV-1275
ATV ADAPTER



HP-2
COMMUNICATION
HEADPHONES



SP-7
EXTERNAL
SPEAKER



AG-35
WEATHERPROOF
430 MHz
PREAMPLIFIER

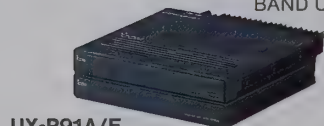


UT-36
VOICE
SYNTHESIZER
UNIT

IC-901



UX-S92A/E
144 MHz SSB
BAND UNIT



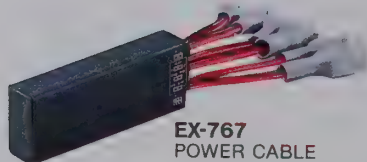
UX-R91A/E
RECEIVER UNIT



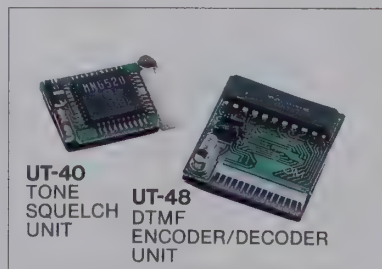
OPC-189
OPTICAL
FIBER
CABLE



EX-766
INTERFACE
UNITS



EX-767
POWER CABLE
CONNECTOR BOX



UT-40
TONE
SQUELCH
UNIT

UT-48
DTMF
ENCODER/DECODER
UNIT

FEATURES

- UP TO 6-BAND CAPABILITY: 28, 50, 144, 220, 430 (440) AND 1200 MHz
- OPTIONAL RECEIVER UNIT FOR WIDEBAND RECEIVING
- OPTIONAL SSB AND CW OPERATION CAPABILITY ON THE 144 MHz BAND
- SIMULTANEOUS DUAL BAND RECEPTION
- ULTRA-LIGHTWEIGHT AND COMPACT REMOTE CONTROLLER
- MULTIPLE INSTALLATION CONFIGURATIONS
- SEPARATE INSTALLATION WITH OPTIONAL OPTICAL FIBER CABLE
- FULL DUPLEX CROSSBAND OPERATION
- 12 MEMORY CHANNELS AND 1 PROGRAMMABLE CALL CHANNEL FOR EACH BAND
- MULTI-SCAN FUNCTIONS
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

IC-901A (U.S.A. version 144/440 MHz)
IC-901E (Europe version 144/430 MHz)

Advanced features and system upgrading.

The IC-901A/E is a sophisticated dual band FM mobile transceiver built with the latest in Icom high-tech knowledge. The transceiver is perfect for customized installation in 4 different configurations and includes a detachable remote controller to suit your personal operating needs. Install the main body of the transceiver in any convenient, out-of-the-way place while keeping the remote controller in a handy location near you.

The IC-901A/E also offers band stacking versatility with up to 5 separate optional band units for 28, 50, 220 and 1200 MHz FM operation and 144 MHz SSB, CW operation. By connecting optional interface units and an optical fiber cable, you can use your vehicle space effectively as all band units can be installed in your vehicle trunk. The IC-901A/E can also operate as a wideband receiver for MF, VHF and UHF bands using the optional receiver unit.

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.000 ~ 150.000 MHz, Receive/136.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), 440.000 ~ 450.000 MHz, (Europe version) 144.000 ~ 146.000 MHz, 430.000 ~ 440.000 MHz, UX-S92A/E*: (U.S.A. version) 144.000 ~ 148.000 MHz, (Europe version) 144.000 ~ 146.000 MHz, UX-19A/E*: 28.000 ~ 29.700 MHz, UX-59A*: 50.000 ~ 54.000 MHz, UX-39A*: Transmit/220.000 ~ 225.000 MHz, Receive/216.000 ~ 236.000 MHz (Specifications guaranteed 220.000 ~ 225.000 MHz.), UX-129A/E*: 1240.000 ~ 1300.00 MHz, UX-R91A/E*: 520 ~ 1630 kHz (AM), 76.000 ~ 108.000 MHz (wide FM), 108.000 ~ 137.000 MHz (AM), 137.000 ~ 200.000 MHz, 200.000 ~ 236.000 MHz, 300.000 ~ 500.000 MHz, 800.000 ~ 950.000 MHz (FM). • **Power supply requirement:** 13.8 V DC \pm 15% • **Max. current drain:** (144 MHz band) High/12 A, Low/5 A, (430 or 440 MHz band) High/11 A Low/5 A • **Dimensions:** 150(W) \times 50(H) \times 191(D) mm; 5.9(W) \times 2.0(H) \times 7.5(D) in • **Output power:** (144 MHz band) High/50 W Low/5 W, (430 or 440 MHz band) High/35 W, Low/5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

*The UX-19A/E ~ UX-129A/E, UX-S92A/E and UX-R91A/E are optional units.

IC-2400 IC-3220



IC-2400A (U.S.A. version 144/440 MHz)
IC-2400E (Europe version 144/430 MHz)

IC-3220A (U.S.A. version 144/440 MHz)
IC-3220E (Europe version 144/430 MHz)
IC-3220H (High power version)

Two bands are better than one.

A high-quality VHF/UHF dual band FM transceiver, IC-2400A/E enables simultaneous watch on both the 144 and 430 (440) MHz bands and provides full duplex capability for telephone-style QSO's.

To make any journey more enjoyable, the IC-2400A/E is equipped with a host of convenient features like sub band mute and sub band beep functions, dual band readout with independent control, and a total of 40 memory channels.

FEATURES

- LARGE DUAL BAND DISPLAY
- SIMULTANEOUS DUAL BAND WATCH
- 45 W ON 144 MHz
- 35 W ON 430 (440) MHz
- FULL DUPLEX OPERATION
- 40 MEMORY CHANNELS
- 2 CALL CHANNELS
- SCAN AND PRIORITY WATCH
- SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- 1750 Hz TONE CALL (EUROPE VERSION)
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.000–150.000 MHz, Receive/138.000–174.000 MHz (Specifications guaranteed 144.000–148.000 MHz.), 440.000–450.000 MHz, (Europe version) 144.000–146.000 MHz, 430.000–440.000 MHz • **Max. current drain (at 13.8 V DC):** 10.5 A • **Dimensions:** 150(W) × 50(H) × 195(D) mm; 5.9(W) × 2.0(H) × 7.7(D) in • **Max. output power:** 144 MHz/45 W, 430 (440) MHz/35 W • **Sensitivity:** Less than 0.18 µV for 12 dB SINAD

A tiny transceiver with giant potential.

You get the best of both the 144 and the 430 (440) MHz worlds in the IC-3220A/E/H, one of the smallest dual band transceivers in its class. The IC-3220A/E/H is designed for those who want to enjoy simultaneous dual band receiving and telephone-style QSO very easily.

The transceiver boasts a variety of convenient features for superb operation and each function is immediately accessible at the touch of a single switch.

FEATURES

- SUPER COMPACT
- SIMPLE OPERATION
- SIMULTANEOUS DUAL BAND WATCH
- BUILT-IN DUPLEXER
- ILLUMINATED SWITCHES/CONTROLS
- 45 W ON 144 MHz AND 35 W ON 430 (440) MHz (IC-3220H)
- 36 MEMORY AND 2 CALL CHANNELS
- 4 SCAN EDGE CHANNELS
- AUTO DIALING (U.S.A. VERSION)
- SCAN AND PRIORITY WATCH
- PROGRAMMABLE REMOTE CONTROL
- OPTIONAL PAGER, CODE SQUELCH, POCKET BEEP AND TONE SQUELCH

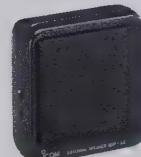
SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.000–150.000 MHz, Receive/136.00–174.000 MHz (Specifications guaranteed 144.000–148.000 MHz.), 440.000–450.000 MHz, (Europe version) 144.000–146.000 MHz, 430.000–440.000 MHz • **Max. current drain (at 13.8 V DC):** IC-3220A/E: 8 A, IC-3220H: 10 A • **Dimensions:** 140(W) × 40(H) × 195(D) mm; 5.5(W) × 1.6(H) × 7.7(D) in • **Max. output power:** IC-3220A/E: 25 W, IC-3220H: 144 MHz/45 W, 430 (440) MHz/35 W • **Sensitivity:** 0.16 µV for 12 dB SINAD

HS-15
FLEXIBLE MOBILE
MICROPHONE



HS-15SB
SWITCHBOX



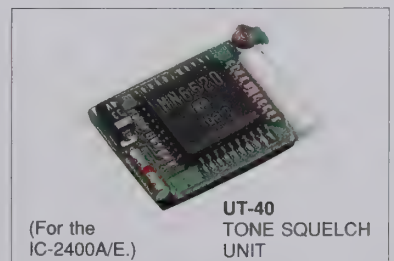
SP-12
EXTERNAL
SPEAKER



SM-8
DESKTOP
MICROPHONE



HM-56
HAND MICROPHONE
(with DTMF memories)



(For the
IC-2400A/E.)

UT-40
TONE SQUELCH
UNIT

IC-229

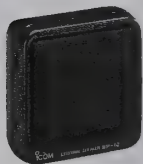
IC-3210



PS-45
AC POWER SUPPLY
(For the IC-229A/E.)



SP-12
EXTERNAL
SPEAKER



SM-8
DESKTOP
MICROPHONE



HM-56
HAND MICROPHONE
(with DTMF memories)

IC-229A (U.S.A. version)
IC-229E (Europe version)
IC-229H (High power version)

Extend your mobile horizons.

An easy-to-use design and high-tech features in a compact body — that's the beauty of the IC-229A/E/H. Measuring only 140 (W) × 40(H) × 105(D) mm,* it fits neatly into virtually any vehicle dashboard. The IC-229H delivers a stable 50 W of power over long periods of operation. The optional pager, code squelch and pocket beep functions ensure quiet standby when you're waiting for communication via a busy repeater.

*55(W) × 1.6(H) × 4.1(D) in IC-229H: 155(D) mm; 6.1(D) in

FEATURES

- JUST RIGHT FOR YOUR VEHICLE
- SIMPLE OPERATION
- AUTO DIALING (U.S.A. VERSION)
- 50 W OF OUTPUT POWER (IC-229H)
- ILLUMINATED SWITCHES/CONTROLS
- 20 MEMORY AND 1 CALL CHANNELS
- PROGRAMMABLE REMOTE CONTROL
- SCAN AND PRIORITY WATCH
- OPTIONAL PAGER, CODE SQUELCH, POCKET BEEP AND TONE SQUELCH
- SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- 1750 Hz TONE CALL (EUROPE VERSION)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.000~150.000 MHz, Receive/136.000~174.000 MHz (Specifications guaranteed 144.000~148.000 MHz.), (Europe version) 144.000~146.000 MHz • **Max. current drain (at 13.8 V DC):** IC-229A/E: 6 A, IC-229H: 10.5 A • **Dimensions:** IC-229A/E: 140(W) × 40(H) × 105(D) mm; 5.5(W) × 1.6(H) × 4.1(D) in, IC-229H: 155(D) mm; 6.1(D) in • **Max. output power:** IC-229A/E: 25 W, IC-229H: 50 W • **Sensitivity:** 0.16 μV for 12 dB SINAD

IC-3210A (U.S.A. version 144/440 MHz)
IC-3210E (Europe version 144/430 MHz)

Icom's dual band mobile advantage.

The IC-3210A/E is a dual band FM mobile with everything, including full duplex capability for true telephone-style crossband operation. The transceiver is designed for operator convenience: all required functions are activated with few switches and controls. A total of 20 double-spaced memory channels store full duplex conditions and subaudible tone frequencies.*

An optional pocket beep function alerts you when selected calls are received.

*U.S.A. version only.

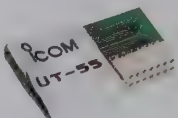
FEATURES

- FULL DUPLEX CROSSBAND OPERATION
- TOTAL OF 20 DOUBLE-SPACED MEMORY CHANNELS
- 2 PROGRAMMABLE CALL CHANNELS
- BUILT-IN DUPLEXER
- PROGRAMMED, MEMORY AND SELECTED BAND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH FUNCTIONS
- VARIABLE FUNCTION DISPLAY INTENSITY
- DTMF MICROPHONE INCLUDED (U.S.A. VERSION)
- OPTIONAL TONE SQUELCH AND POCKET BEEP FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.000 ~ 150.000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), 440.000 ~ 450.000 MHz, (Europe version) 144.00 ~ 146.000 MHz, 430.000 ~ 440.000 MHz • **Power supply requirement:** 13.8 V DC, ±15% • **Max. current drain:** 7.6 A • **Dimensions:** 140(W) × 50(H) × 180(D) mm; 5.5(W) × 2.0(H) × 7.1(D) in • **Max. output power:** 25 W • **Sensitivity:** less than 0.18 μV for 12 dB SINAD

UT-55
DTMF
ENCODER/
DECODER UNIT



(For the IC-229A/E/H.)

IC-28

IC-228



IC-28A (25 W U.S.A. version)
 IC-28E (25 W Europe version)
 IC-28H (45 W version)

IC-228A (25 W U.S.A. version)
 IC-228E (25 W Europe version)
 IC-228H (45 W version)

High-tech mobile transceiver.

Take a close look at this easy-to-use, compact 144 MHz FM transceiver: it's unique. The IC-28A/E/H has 21 memories, versatile scan functions, a large function display and a built-in subaudible tone encoder.* All functions can be easily controlled with just a few switches and controls, ensuring you safe driving.

*U.S.A. version only.

FEATURES

- 45 W OUTPUT POWER (IC-28H)
- COMPACT AND EASY TO OPERATE
- 21 MEMORY CHANNELS
- LARGE FUNCTION DISPLAY
- VFO AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- MEMORY TRANSFER FUNCTION
- DTMF MICROPHONE INCLUDED (U.S.A.)
- 1750 Hz TONE CALL (EUROPE VERSION)
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- SELECTABLE TUNING STEP

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/ 140.100 ~ 150.000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** IC-28A/E: 6.0 A, IC-28H: 9.5 A • **Dimensions:** IC-28A/E: 140(W) \times 50(H) \times 133(D) mm; 5.5(W) \times 2.0(H) \times 5.2(D) in, IC-28H: 155(D) mm; 6.1(D) in • **Max. output power:** IC-28A/E: 25 W, IC-28H: 45 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

Superb 144 MHz mobile transceiver.

The trendsetter of FM mobile transceivers, the compact IC-228A/E/H is equipped with 20 memory channels that store offset frequencies and subaudible tones.* The transceiver also includes programmed and memory scan functions, a memory skip function and a priority watch function. A single switch access call channel stores your favorite channel. An optional pocket beep function alerts you when selected calls are received.

*U.S.A. version only

FEATURES

- 45 W OUTPUT POWER (IC-228H)
- COMPACT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMED AND MEMORY SCAN PLUS MEMORY SKIP FUNCTIONS
- PRIORITY WATCH
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- DTMF MICROPHONE INCLUDED (U.S.A. VERSION)
- INTENSITY-ADJUSTABLE FUNCTION DISPLAY
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/ 140.000 ~ 150.000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** IC-228A/E: 6.0 A, IC-228H: 9.5 A • **Dimensions:** IC-228A/E: 140(W) \times 50(H) \times 137(D) mm; 5.5(W) \times 2.0(H) \times 5.4(D) in, IC-228H: 159(D) mm; 6.3(D) in • **Max. output power:** IC-228A/E: 25 W, IC-228H: 45 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-PS30
AC POWER SUPPLY

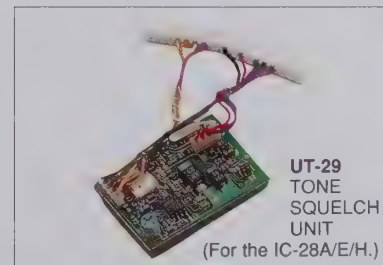
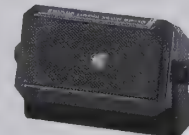


HS-15
FLEXIBLE
MOBILE
MICROPHONE



SH-15SB
SWITCHBOX

SP-10
EXTERNAL
SPEAKER



UT-29
TONE
SQUELCH
UNIT
(For the IC-28A/E/H.)

IC-449

IC-448



IC-PS30
AC POWER SUPPLY



HS-15
FLEXIBLE MOBILE
MICROPHONE



HS-15SB
SWITCHBOX



HM-56
HAND MICROPHONE
(with DTMF memories)



MB-34
JOINT
PLATE



IC-449A (U.S.A. version 440 MHz)
IC-449E (Europe version 430 MHz)

IC-448A (U.S.A. version 440 MHz)
IC-448E (Europe version 430 MHz)

The streamlined UHF champion.

You'll be amazed at the compact dimensions of Icom's advanced IC-449A/E. This flexible transceiver fits neatly into any vehicle. While driving, each and every function can be accessed instantly with a single switch. The function that you most use can be preprogrammed to allow remote operation via the microphone UP switch without stretching your arm. For the U.S.A. version, auto dialing is possible using the 14 DTMF memory channels. How convenient!

FEATURES

- ULTRA COMPACT
- ONE-TOUCH ACCESS FUNCTIONS
- AUTO DIALING (U.S.A. VERSION)
- FULL 35 W OF OUTPUT
- ILLUMINATED SWITCHES/CONTROLS
- 20 MEMORY AND 1 CALL CHANNELS
- 2 SCAN EDGE CHANNELS
- SCAN AND PRIORITY WATCH
- OPTIONAL PAGER, CODE SQUELCH, POCKET BEEP AND TONE SQUELCH
- SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- 1750 Hz TONE CALL (EUROPE VERSION)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz • **Max. current drain (at 13.8 V DC):** 9.5 A • **Dimensions:** 140(W) × 40(H) × 155(D) mm; 5.5(W) × 1.6(H) × 6.1(D) in • **Max. output power:** 35 W • **Sensitivity:** 0.16 μ V for 12 dB SINAD

Superior UHF mobile transceiver.

Icom presents a superior UHF mobile transceiver for all 430 (440) MHz band amateurs who demand quality transceiver performance. Featuring 35 W output power, 20 memory channels, programmed and memory scan and other functions, the IC-448A/E offers everything mobile operators require. An optional pocket beep function alerts you when selected calls are received. Join the action on the 430 (440) MHz band now.

FEATURES

- FULL 35 W OUTPUT POWER
- COMPACT, LIGHTWEIGHT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PRIORITY WATCH
- PROGRAMMABLE OFFSET FREQUENCY
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS
- DTMF MICROPHONE INCLUDED (U.S.A. VERSION)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz • **Power supply requirement:** 13.8 V DC \pm 15% • **Max. current drain:** 9.5 A • **Dimensions:** 140(W) × 50(H) × 159(D) mm; 5.5(W) × 2.0(H) × 6.3(D) in • **Max. output power:** 35 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD



UT-50
TONE
SQUELCH
UNIT

IC-1201 IC-2500



IC-1201A (U.S.A. version)
IC-1201E (Europe version)

IC-2500A (U.S.A. version 440/1200 MHz)
IC-2500E (Europe version 430/1200 MHz)

Dominate the 1200 MHz band.

The advanced IC-1201A/E is a 1200 MHz enthusiast's dream rig. The transceiver is ready for today's "ultra-band" with features such as 10 W stable output power and a high sensitivity receiver. A convenient AFC function tracks the frequency of the transmitting station.

To ensure driving safety, the transceiver can be operated with just a few switches and controls. The large, easy-to-read function display includes adjustable backlighting.

FEATURES

- HIGH SENSITIVITY RECEIVER WITH A GaAs FET
- STABLE 10 W OUTPUT POWER
- SUPERIOR FREQUENCY STABILITY
- CONVENIENT AFC, RIT AND VXO FUNCTIONS
- COMPACT, LIGHTWEIGHT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PRIORITY WATCH

SPECIFICATIONS

- **Frequency coverage:** 1240.000 ~ 1300.000 MHz
- **Power supply requirement:** 13.8 V DC $\pm 15\%$
- **Max. current drain:** 6.0 A
- **Dimensions:** 140(W) \times 40(H) \times 200(D) mm; 5.5(W) \times 1.6(H) \times 7.9(D) in
- **Max. output power:** 10 W
- **Sensitivity:** less than 0.22 μ V for 12 dB SINAD

Versatile UHF dual bander.

Add an exciting dimension to your FM mobiling world with Icom's IC-2500A/E, a unique transceiver that covers both the 430 (440) and 1200 MHz bands. This transceiver is equipped with simultaneous dual band receive capability, full duplex operation capability, a high sensitivity receiver and other sophisticated operating features.

For 1200 MHz band operation, an advanced AFC function automatically tracks the frequency of the transmitting station.

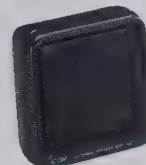
FEATURES

- 35 W ON THE 430 (440) MHz BAND
- 10 W ON THE 1200 MHz BAND
- FULL DUPLEX CROSSBAND OPERATION
- SIMULTANEOUS DUAL BAND RECEPTION
- 40 MEMORY CHANNELS AND 2 PROGRAMMABLE CALL CHANNELS
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- AFC, RIT AND VXO FUNCTIONS FOR 1200 MHz OPERATION
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

- **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, 1240.000 ~ 1300.000 MHz, (Europe version) 430.000 ~ 440.000 MHz, 1240.000 ~ 1300.000 MHz
- **Power supply requirement:** 13.8 V DC $\pm 15\%$
- **Max. current drain:** (430 or 440 MHz band) 10.5 A, (1200 MHz band) 6.6 A
- **Dimensions:** 150(W) \times 50(H) \times 195(D) mm; 5.9(W) \times 2.0(H) \times 7.7(D) in
- **Max. output power:** (430 or 440 MHz band) 35 W (1200 MHz band) 10 W
- **Sensitivity:** (430 or 440 MHz band) less than 0.18 μ V for 12 dB SINAD, (1200 MHz band) less than 0.22 μ V for 12 dB SINAD

SP-12
EXTERNAL
SPEAKER



AH-1200
1200 MHz
MOBILE
ANTENNA



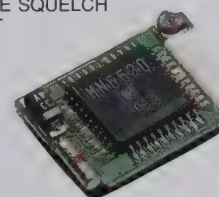
SP-10
EXTERNAL
SPEAKER



AHB-1200
TRUNK MOUNT



UT-40
TONE SQUELCH
UNIT



IC-24



FEATURES

IC-24AT (U.S.A. version 144/440 MHz)
IC-24ET (Europe version 144/430 MHz)

- SUPER COMPACT AND LIGHTWEIGHT
- CROSSBAND FULL DUPLEX OPERATION
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- DUAL BAND DISPLAY
- 4 DTMF CODE MEMORY CHANNELS FOR AUTO DIALING
- VERSATILE SCAN FUNCTIONS AND PRIORITY WATCH
- 40 DOUBLE-SPACED MEMORY CHANNELS
- 2 PROGRAMMABLE CALL CHANNELS
- 24-HOUR SYSTEM CLOCK
- AUTO POWER ON AND POWER OFF TIMER FUNCTIONS
- A VARIETY OF TUNING STEPS
- MONITOR FUNCTION FOR CHECKING REPEATER INPUT FREQUENCY
- OPTIONAL TONE SQUELCH FUNCTION

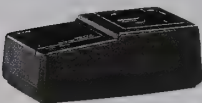
Compact, dual band versatility.

How has Icom put so much versatility into a handheld so streamlined and easy to use? Simple. Dedication. Super small and incredibly lightweight, the IC-24AT/ET is one of the most compact dual band handhelds in the world. Compare for yourself — the IC-24AT/ET weighs just 340 g (12.0 oz) with the BP-82 BATTERY PACK. This means the transceiver will fit anywhere — in shirt pockets, handbags, briefcases. Many transceiver features can be accessed from the built-in keyboard. And these features are unusually numerous in a handheld so small: full duplex for crossband operation, 40 memory and 2 programmable call channels, 4 DTMF code memory channels, a built-in clock with timer, automatic power off timer and many other outstanding features.

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) (144 MHz band) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (440 MHz band) 440.000 ~ 450.000 MHz, (Europe version) (144 MHz band) 144.000 ~ 146.000 MHz, (430 MHz band) 430.000 ~ 440.000 MHz • **Tuning step increment:** 5, 10, 12.5, 15, 20, 25, 50, 100 kHz or 1 MHz • **Power supply requirement:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.2 V DC):** (144 MHz band) High/typical 1.3 A, Low 1/approx. 500 mA (430 or 440 MHz band) High/typical 1.6A, Low 1/approx. 700 mA • **Dimensions (with BP-82):** 52(W) × 136.5(H) × 34.5(D) mm; 2.0(W) × 5.4(H) × 1.4(D) in • **Output power:** High/more than 5 W, Low 1/approx. 500 mW • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD • **Audio output power:** More than 200 mW at 10% distortion with an 8 Ω load

BC-72
DESKTOP CHARGER



BP-81 ~ BP-90
BATTERY
PACKS



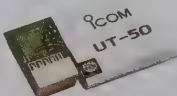
MB-30
MOUNTING
BRACKET



HM-9
SPEAKER-
MICROPHONE



HM-54
SPEAKER-
MICROPHONE



UT-50
TONE SQUELCH
UNIT

IC-32



FEATURES

IC-32A (U.S.A. version 144/440 MHz)
 IC-32AT (U.S.A. version 144/440 MHz)
 IC-32E (Europe version 144/430 MHz)

- FULL DUPLEX CROSSBAND OPERATION CAPABILITY
- CONVENIENT KEYBOARD AND TUNING CONTROL
- 20 DOUBLE-SPACED MEMORY CHANNELS
- HIGH OUTPUT POWER
- PROGRAMMED SCAN FUNCTION
- MEMORY SCAN FUNCTION
- SELECTED BAND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- 2 PROGRAMMABLE CALL CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- MONITOR FUNCTION TO CHECK REPEATER INPUT FREQUENCY
- DURABLE CONSTRUCTION
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

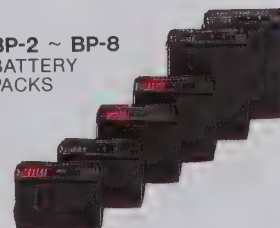
Two handhelds in one.

All the VHF/UHF action is now yours with Icom's dual band FM handheld, the advanced new IC-32A/AT/E. Owning the IC-32A/AT/E is just like having two transceivers in one!

Two bands in one transceiver mean that you'll always be in touch. The IC-32A/AT/E includes full duplex capability, 20 memory channels, programmed and memory scan functions, a convenient optional pocket beep function, full 5 W output power, a dial select function for quick QSY'ing, priority functions and other outstanding features. Now you can operate with the kind of dual band versatility formerly found only in larger, bulkier handhelds.

SPECIFICATIONS

- **Frequency coverage:** (U.S.A. version) (144 MHz band) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.00 ~ 148.00 MHz.), (440 MHz band) 440.000 ~ 450.000 MHz, (Europe version) (144 MHz band) 144.000 ~ 146.000 MHz, (430 MHz band) 430.000 ~ 440.000 MHz
- **Tuning step increment:** (U.S.A. version) 5, 10, 15, 20 or 25 kHz, (Europe version) 12.5 or 25 kHz
- **Power supply requirement:** BP-2 ~ BP-70 (external DC power jack 12 ~ 15 V DC)
- **Max. current drain (at 13.2 V DC):** (144 MHz band) 2.0 A (430 or 440 MHz band) 2.2 A
- **Dimensions:** (with BP-70) 65(W) × 180.5(H) × 35(D) mm; 2.6(W) × 7.1(H) × 1.4(D) in. (with BP-3) 159(H) mm; 6.3(H) in
- **Output power:** (144 MHz band) High/5.5 W, Low/1.0 W (430 or 440 MHz band) 5.0 W, Low/1.0 W
- **Sensitivity:** less than 0.25 μ V for 12 dB SINAD
- **Audio output power:** More than 400 mW at 10% distortion with an 8 Ω load

BC-35, BC-36
AC BATTERY CHARGER**HM-46L**
SPEAKER-MICROPHONE**BA-10**
BOTTOM CAP**CP-10**
BATTERY SEPARATION CABLE**BP-2 ~ BP-8**
BATTERY PACKS

IC-2S

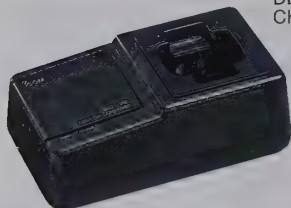
IC-2ST



BC-35, BC-36
AC BATTERY CHARGER



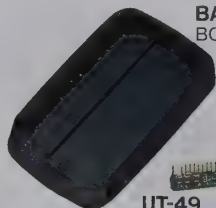
BC-72
DESKTOP
CHARGER



HM-46
SPEAKER-
MICROPHONE



BA-11
BOTTOM CAP



UT-49
DTMF DECODER UNIT



IC-2SA (U.S.A. version)
IC-2SE (Europe version)

IC-2SAT (U.S.A. version)
IC-2SET (Europe version)

Easy operation for everybody.

Enjoy the features of a full-sized handheld with a transceiver that fits snugly in the palm of your hand. The super-lightweight IC-2SA/SE has a full 5 W output power, 48 memory channels, VFO scan and memory scan functions. All functions are performed very easily at the touch of just a few switches and controls.

FEATURES

- SIMPLE OPERATION
- 5 W OUTPUT WITH EXTERNAL 13.8 V DC
- ULTRA-COMPACT SIZE
- 48 MEMORY CHANNELS AND 1 PROGRAMMABLE CALL CHANNEL
- POWER SAVER FOR LONGER OPERATING TIME
- VFO AND MEMORY SCAN FUNCTIONS
- FREQUENCY SKIP FUNCTION
- AUTO POWER OFF TIMER FUNCTION
- 100 kHz TUNING STEP FOR QUICK QSY'ing
- EXTERNAL DC POWER JACK
- REPEATER INPUT MONITOR FUNCTION

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz
 • **Power supply requirement:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.2 A, Low 1/approx. 450 mA • **Dimensions:** (with BP-82) 49(W) × 103.5(H) × 33(D) mm; 1.9(W) × 4.1(H) × 1.3(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

Powerful little giant.

The compact IC-2SAT/SET is a high performance 144 MHz mini handheld that features built-in NiCd batteries and a convenient keyboard. When the internal batteries are exhausted, you can still operate with an optional battery pack. The handheld also boasts sophisticated multi-function versatility: 48 memory channels and 10 DTMF code memory channels for autopatching and a built-in 24-hour system clock with a timer function that is great for scheduling QSO's.

FEATURES

- BUILT-IN NiCd BATTERIES
- CONVENIENT KEYBOARD
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V
- 48 MEMORY CHANNELS AND 1 PROGRAMMABLE CALL CHANNEL
- 10 DTMF CODE MEMORY CHANNELS FOR AUTO DIALING
- VERSATILE SCAN FUNCTIONS
- BUILT-IN CLOCK WITH TIMER FUNCTIONS
- DUTY RATIO SELECTABLE POWER SAVER
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz
 • **Acceptable external power supply:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.2 A, Low 1/approx. 450 mA • **Dimensions:** 49(W) × 102.5(H) × 35(D) mm; 1.9(W) × 4.0(H) × 1.4(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-2G

IC-02

IC-2



IC-2GA (U.S.A. version)
IC-2GAT (U.S.A. version)
IC-2GE (Europe version)

IC-02A (U.S.A. version)
IC-02AT (U.S.A. version)
IC-02E (Europe version)

IC-2A (U.S.A. version)
IC-2AT (U.S.A. version)
IC-2E (Europe version)

Rugged body, big on power.

Enjoy full-function operation right in your hand with today's most powerful FM handheld — the IC-2GA/GAT/GE. This durable transceiver includes programmed and memory scan functions, priority watch, 20 memory channels, as well as programmable offset frequencies, subaudible tones,* and numerous other functions. A full 7 W of output power are also available when the BP-7 or BP-70 BATTERY PACK is used.

*U.S.A. version only.

FEATURES

- 7 W OUTPUT POWER WITH BP-7 OR BP-70
- POWER SAVER
- SPLASH-RESISTANT BODY
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL (U.S.A. VERSION)
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS (U.S.A. VERSION)
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Receive/138.000 ~ 174.000 MHz, Transmit/140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz • **Power supply requirement:** BP-2 ~ BP-8 and BP-70 • **Current drain (at 13.2 V DC):** High/1.8 A, Low/900 mA • **Dimensions:** (with BP-70) 65(W) × 151(H) × 35(D) mm; 2.6(W) × 5.9(H) × 1.4(D) in. (with BP-3) 130(H) mm; 5.1(H) in • **Max. output power (at 13.2 V DC):** 7 W • **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

Full-featured performance.

Professional grade quality and performance put this FM handheld in a class of its own. The IC-02A/AT/E includes a high sensitivity receiver, programmable offset frequencies, selectable output power, programmed and memory scan functions, priority watch, multifunction front panel keyboard, and many other outstanding features. Full 5 W output power is available with an optional BP-7 or BP-70 BATTERY PACK.

FEATURES

- 5 W OUTPUT POWER WITH BP-7 OR BP-70
- 10 MEMORY CHANNELS
- SPLASH-RESISTANT BODY
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- PROGRAMMABLE CALL CHANNEL
- BUILT-IN DTMF KEYBOARD AND SUBAUDIBLE TONE ENCODER (IC-02AT)
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 144.000 ~ 147.995 Hz, (Europe version) 144.000 ~ 145.995 MHz • **Power supply requirement:** BP-2 ~ BP-8 and BP-70 (external DC power jack 12 ~ 15 V DC) • **Current drain (at 8.4 V DC):** High/1.05 A, Low/450 mA • **Dimensions:** (with BP-3) 65(W) × 160(H) × 35(D) mm; 2.6(W) × 6.3(H) × 1.4(D) in • **Max. output power (at 13.2 V DC):** 5 W • **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

Time-proven handheld.

The IC-2A/AT/E has passed the test of time. This transceiver is now one of the most influential and popular Icom handhelds ever made, world renowned for its outstanding performance and reliability under the most demanding conditions. The IC-2A/AT/E is easy and convenient to use as all functions are performed from just a few controls and switches.

FEATURES

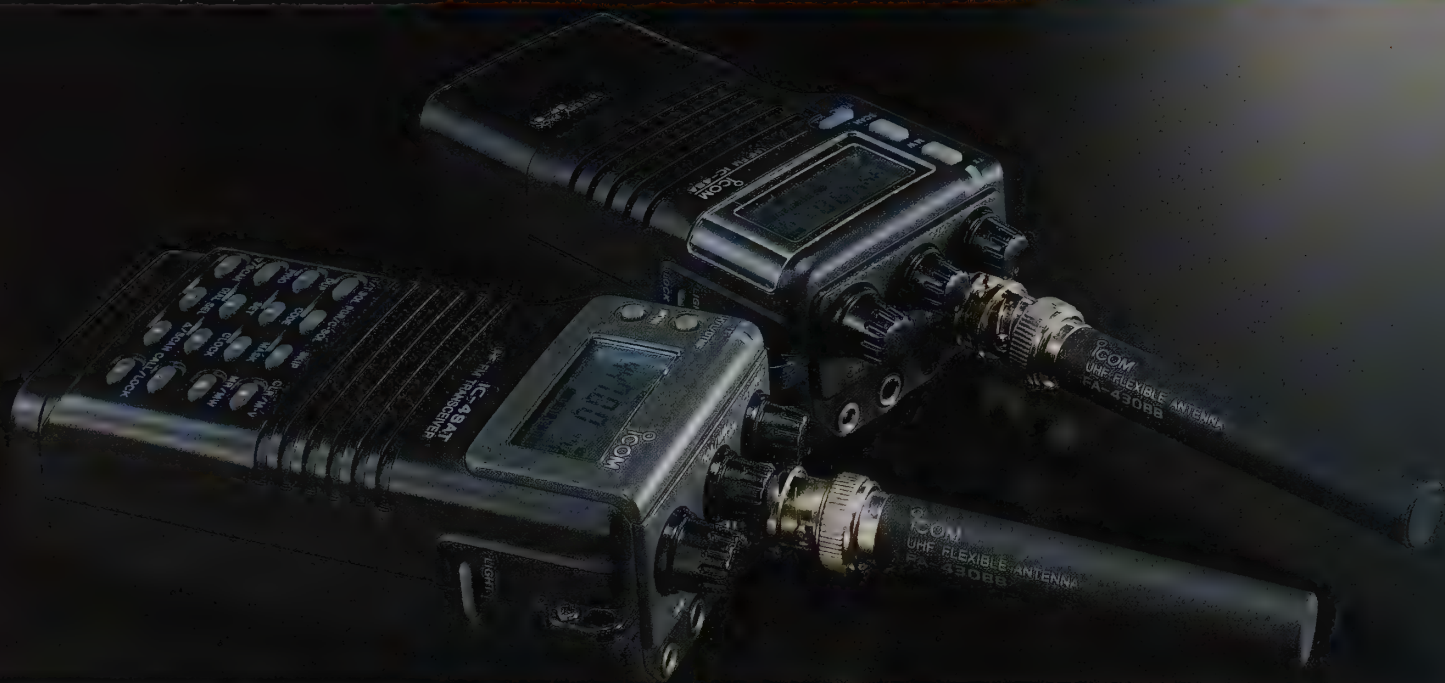
- FULLY SYNTHESIZED
- EASY OPERATION
- 2.3 W OUTPUT POWER WITH BP-5 OR BP-5A
- BUILT-IN DTMF KEYBOARD (IC-2AT)
- 1750 Hz TONE CALL (IC-2E)
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED
- OPTIONAL DC-DC CONVERTER
- RUGGED CONSTRUCTION
- WIDE VARIETY OF OPTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 144.000 ~ 147.995 Hz, (Europe version) 144.000 ~ 145.995 MHz • **Power supply requirement:** BP-2 ~ BP-5A and BP-8 • **Current drain (at 8.4 V DC):** High/550 mA, Low/220 mA • **Dimensions:** (with BP-3) 65(W) × 167(H) × 35(D) mm; 2.6(W) × 6.6(H) × 1.4(D) in • **Max. output power (at 10.8 V DC):** 2.3 W • **Sensitivity:** less than 0.5 μ V for 20 dB NQL

IC-4S

IC-4ST



IC-4SA (U.S.A. version 440 MHz)
IC-4SE (Europe version 430 MHz)

IC-4SAT (U.S.A. version 440 MHz)
IC-4SET (Europe version 430 MHz)

BP-81 ~ BP-90
BATTERY PACKS AND
BA-12
BATTERY
CHARGE
ADAPTER



BC-74A/E/D/V
WALL CHARGER

BC-73E/D
WALL
CHARGER



HS-51
HEADSET



CP-12
CIGARETTE LIGHTER CABLE
WITH NOISE FILTER



Ultra compact, ultra powerful.

Be part of the 430 (440) MHz revolution with the latest in handheld technology from Icom. The compact IC-4SA/SE features VFO and memory scan functions, 48 memory channels, and 5 W output power. The IC-4SA/SE is easy to operate; just a few switches and controls are needed for all functions.

FEATURES

- ULTRA-COMPACT SIZE
- SIMPLE OPERATION
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- 48 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- AUTO POWER OFF TIMER
- VFO AND MEMORY SCAN FUNCTIONS
- FREQUENCY SKIP FUNCTION
- UNIQUE POWER SAVER FUNCTION
- 100 kHz TUNING STEPS FOR QUICK QSY'ing
- REPEATER INPUT MONITOR FUNCTION

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz
 • **Power supply requirement:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.6 A, Low 1/approx. 600 mA
 • **Dimensions (with BP-82):** 49(W) × 103.5(H) × 33(D) mm; 1.9(W) × 4.1(H) × 1.3(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

The leader in UHF mini handhelds.

Icom's easy-to-operate IC-4SAT/SET delivers outstanding performances. The transceiver is very lightweight even with internal NiCd batteries included. Connect an optional battery pack to operate the IC-4SAT/SET continuously even when the internal batteries are exhausted. Convenient keyboard control allows you fast and easy operation. 10 DTMF code memory channels are available for auto dialing, and a timer function ensures you easy QSO scheduling.

FEATURES

- BUILT-IN NiCd BATTERIES
- CONVENIENT KEYBOARD
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- 48 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- 10 DTMF CHANNELS FOR AUTO DIALING
- FULL, PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- 24-HOUR SYSTEM CLOCK WITH TIMER FUNCTIONS
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz
 • **Acceptable external power supply:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.6 A, Low 1/approx. 600 mA
 • **Dimensions:** 49(W) × 102.5(H) × 35(D) mm; 1.9(W) × 4.0(H) × 1.4(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-4G

IC-04

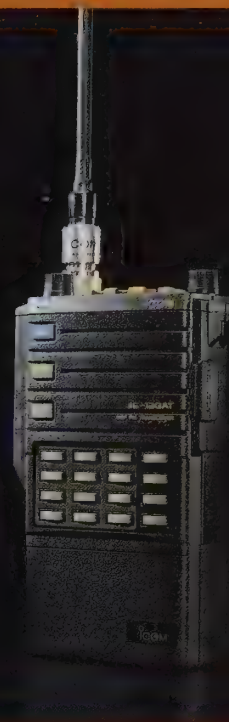
IC-12G



IC-4GAT (U.S.A. version 460 MHz)
IC-4GE (Europe version 430 MHz)



IC-04AT (U.S.A. version 440 MHz)
IC-04E (Europe version 430 MHz)



IC-12GAT (U.S.A. version)
IC-12GE (Europe version)

Quality in a powerful handheld.

The IC-4GAT/GE is an FM handheld with many state-of-the-art features, yet is simple to operate. Programmable offset frequencies and subaudible tones* can be memorized into its 20 memories. Includes programmed and memory scan functions, a memory skip function and full 6 W of output power. An optional pocket beep function alerts you when selected calls are received.*

*U.S.A. version only.

FEATURES

- 6 W OUTPUT POWER WITH BP-7 OR BP-70
- SPLASH-RESISTANT BODY
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-4GAT)
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS (IC-4GAT)

SPECIFICATIONS

- **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz
- **Power supply requirement:** BP-2 ~ BP-8 and BP-70
- **Current drain (at 13.2 V DC):** High/2.3 A, Low/1.2 A
- **Dimensions:** (with BP-70) 65(W) × 151(H) × 35(D) mm; 2.6(W) × 5.9(H) × 1.4(D) in, (with BP-3) 130(W) mm; 5.1(H) in
- **Max. output power (at 13.2 V DC):** 6 W
- **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

Full-featured handheld.

The IC-04AT/E is designed for amateurs that demand top-grade quality and performance in a 430 (440) MHz handheld. The transceiver includes an extremely sensitive receiver and superb transmitter, 10 memory channels, programmable offset frequencies, scan functions and priority watch. Full 5 W output power is available with an optional BP-7 or BP-70 BATTERY PACK. An outstanding handheld for the discriminating user.

FEATURES

- 5 W OUTPUT POWER WITH BP-7 OR BP-70
- 10 MEMORY CHANNELS
- SPLASH-RESISTANT BODY
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- PROGRAMMABLE CALL CHANNEL
- BUILT-IN DTMF KEYBOARD AND SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

- **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995 Hz, (Europe version) 430.000 ~ 439.995 MHz
- **Power supply requirement:** BP-2 ~ BP-8 and BP-70 (external DC power jack 12 ~ 15 V DC)
- **Current drain (at 8.4 V DC):** High/1.25 A, Low/650 mA
- **Dimensions:** (with BP-3) 65(W) × 160(H) × 35(D) mm; 2.6(W) × 6.3(H) × 1.4(D) in
- **Max. output power (at 13.2 V DC):** 5 W
- **Sensitivity:** less than 0.32 μ V for 12 dB SINAD

Ultra band 1200 MHz action.

Enjoy "ultra band" 1200 MHz action with this hand-sized power performer designed with the latest in microwave technology.

The IC-12GAT/GET is equipped with fine features such as a 20 memory capacity, programmable offset frequencies and subaudible tones,* programmed and memory scan functions, a call channel, power saver function, and an optional pocket beep function.*

*U.S.A. version only.

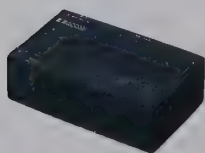
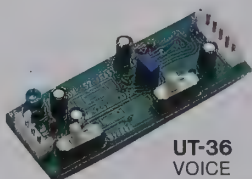
FEATURES

- SPLASH-RESISTANT BODY
- WIDE BAND FREQUENCY COVERAGE
- RIT FUNCTION
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (U.S.A. VERSION)
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS (U.S.A. VERSION)

SPECIFICATIONS

- **Frequency coverage:** 1240.000 ~ 1300.000 MHz (Specifications guaranteed 1260.000 ~ 1300.000 MHz.)
- **Power supply requirement:** BP-2 ~ BP-8 and BP-70
- **Current drain (at 13.2 V DC):** High/900 mA, Low/600 mA
- **Dimensions:** (with BP-3) 65(W) × 130(H) × 35(D) mm; 2.6(W) × 5.1(H) × 1.4(D) in
- **Max. output power (at 13.2 V DC):** 1 W
- **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

IC-375A IC-38A

HP-2
COMMUNICATION
HEADPHONESHS-15
FLEXIBLE
MOBILE
MICROPHONEHS-15SB
SWITCHBOXCT-17
CI-V
LEVEL
CONVERTERUT-36
VOICE
SYNTHESIZER
UNIT

DESCRIPTION

Superb 220 MHz performer.

The IC-375A's superb performances on the 220 MHz band have made it so popular in today's knowledgeable amateur world. And it's no secret why. The IC-375A is equipped with Icom's advanced DDS (Direct Digital Synthesizer) System, a high sensitivity receiver and other features for serious 220 MHz operators such as a notch filter, speech compressor and noise blanker. The transceiver is also suitable for packet radio operation.

FEATURES

- DDS SYSTEM
- 99 MEMORY CHANNELS
- USB, LSB, CW AND FM MODES
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND SELECTED MODE MEMORY SCAN FUNCTIONS
- ALL MODE SQUELCH
- SUITABLE FOR PACKET RADIO
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** 216.0000 ~ 236.0000 MHz (Specifications guaranteed 220.0000 ~ 225.0000 MHz.)
 • **Max. current drain:** (at 13.8 V DC) 7 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** 25 W • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW: less than 0.10 μ V for 10 dB S/N. FM: less than 0.18 μ V for 12 dB SINAD

DESCRIPTION

Discover the open spaces on 220 MHz.

Icom's compact, easy-to-use IC-38A is a 220 MHz mobile transceiver specially designed for operator convenience. You can control all the IC-38A's functions with just a few switches and controls. A simple panel layout ensures you safe driving. Scanning and memory selection is possible via the microphone. The IC-38A has 21 memories, a memory skip function, subaudible tone encoder and other convenient functions.

FEATURES

- EASY TO USE
- COMPACT SIZE
- 25 W OUTPUT POWER
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMABLE OFFSET FREQUENCY
- HM-14 DTMF MICROPHONE INCLUDED
- OPTIONAL DIGITAL CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** Transmit/220.000 ~ 225.000 MHz, Receive/215.000 ~ 235.000 MHz (Specifications guaranteed 220.000 ~ 225.000 MHz.) • **Power supply requirement:** 13.8 V DC \pm 15% • **Max. current drain:** 6.5 A • **Dimensions:** 140(W) × 50(H) × 155(D) mm; 5.5(W) × 2.0(H) × 6.1(D) in • **Max. output power:** 25 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-3SAT IC-03AT



DESCRIPTION

220 MHz magic.

Experience 220 MHz operation in a completely new way with one of today's most exciting mini handhelds — the IC-3SAT. The transceiver is full of super features yet is very easy to operate with the convenient keyboard. Built-in rechargeable NiCd batteries free you from depending only on external battery packs and allow you to attach an optional battery pack for longer operating times.

FEATURES

- BUILT-IN NiCd BATTERIES
- CONVENIENT KEYBOARD
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- 48 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- 24-HOUR SYSTEM CLOCK WITH TIMER FUNCTIONS
- FULL, PROGRAMMABLE, AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- 10 DTMF CODE MEMORY CHANNELS FOR AUTO DIALING
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 225.000 MHz • **Acceptable external power supply:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.4 A, Low 1/approx. 550 mA • **Dimensions:** 49(W) × 102.5(H) × 35(D) mm; 1.9(W) × 4.0(H) × 1.4(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.22 μ V for 12 dB SINAD

DESCRIPTION

Top-of-the-line 220 MHz handheld.

This advanced handheld has everything for the active amateur: 10 memory channels, programmable offset frequency, programmed and memory scan functions, priority watch and a DTMF keyboard. Full 5 W output power is available with an optional BP-7 or BP-70 BATTERY PACK or external 13.8 V DC power. Top quality and reliability.

FEATURES

- 5 W OUTPUT POWER WITH BP-7 OR BP-70
- 10 MEMORY CHANNELS
- SPLASH-RESISTANT BODY
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- PROGRAMMABLE CALL CHANNEL
- BUILT-IN SUBAUDIBLE TONE ENCODER
- DTMF KEYBOARD
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.995 MHz • **Power supply requirement:** BP-2 ~ BP-8 and BP-70 (external DC power jack 12 ~ 15 V DC) • **Current drain (at 8.4 V DC):** High/1.2 A, Low/500 mA • **Dimensions:** (with BP-3) 65(W) × 160(H) × 35(D) mm; 2.6(W) × 6.3(H) × 1.4(D) in • **Max. output power (at 13.2 V DC):** 5 W • **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

BP-2 ~ BP-8, BP-70 BATTERY PACKS



ST-10
SHOULDER
STRAP

MB-16 MOBILE BRACKET



CP-11 CIGARETTE LIGHTER CABLE WITH NOISE FILTER



MB-16D WALL BRACKET



1 kW HF LINEAR AMPLIFIER

IC-4KL



FEATURES

- 1 kW OUTPUT POWER AT FULL DUTY CYCLE
- FULL BREAK-IN OPERATION
- SEPARATE REMOTE CONTROLLER AND AMPLIFIER
- FULLY AUTOMATIC, HIGH-SPEED ANTENNA TUNER WITH RE-TRY FUNCTION
- TUNING DATA MEMORIES FOR QUICK QSY'ing
- ALL SOLID STATE
- COMPLETE PROTECTION CIRCUITS
- BUILT-IN 40 V, 60 A POWER SUPPLY
- AUTO-SELECTIVE FOR 100 ~ 120 V AC OR 200 ~ 240 V AC OPERATION
- SIMPLE CONNECTION
- ADVANCED COOLING SYSTEM
- ACCURATE DUAL METERS

DESCRIPTION

King of the DX world.

Some products are so good they require a class all their own to be appreciated. The all-solid-state IC-4KL, king of the DX world, is one of them. The IC-4KL is simply Icom's finest achievement in producing linear amplifiers, a 1 kW linear amplifier that will give you instant worldwide communications.

The IC-4KL can be quickly connected to any Icom HF transceiver and stored in any out-of-the-way place thanks to a conveniently designed remote controller unit. Once you've set your transceiver, the IC-4KL will do the rest.

The linear amplifier comes equipped with a fully automatic antenna tuner, full break-in capability, powerful output power, an automatic antenna tuner re-try function, tuning data memory capability, a super efficient cooling system and many other advanced features.

SPECIFICATIONS

• **Compatible transceiver:** Icom HF transceivers • **Frequency coverage:** (U.S.A. version) 1.8, 3.5, 7, 10, 14, 18 and 21 MHz bands, (other versions) 1.8, 3.5, 7, 10, 14, 18, 21, 24.5 and 28 MHz bands • **Duty cycle:** 100% continuously 1 hour (at 200 ~ 240 V AC, +25°C; +77°F) • **Dimensions:** (controller) 200(W) × 149(H) × 341(D) mm; 7.9(W) × 5.9(H) × 13.4(D) in, (linear amplifier) 425(W) × 297(H) × 458.5(D) mm; 16.7(W) × 11.7(H) × 18.1(D) in • **Power supply requirement:** 100 ~ 120 or 200 ~ 240 V AC ±10% (We recommend operation at 200 ~ 240 V AC.) • **Max. current drain:** 20 A (at 100 ~ 120 V AC; 500 W output power), 18 A (at 200 ~ 240 V AC; 1 kW output power) • **Output power (at 200 ~ 240 V AC):** (1.8 ~ 21 MHz bands) 1 kW (24.5 and 28 MHz bands) 800 W • **Spurious emissions:** less than 60 dB below peak output power

144 MHz REPEATER
220 MHz REPEATER

430 (440) MHz REPEATER
1200 MHz REPEATER

IC-RP1510
IC-RP2210

IC-RP4020
IC-RP1220



DESCRIPTION

Dependability on 144 and 220 MHz.

Icom quality and reliability are now available in the shape of 144 and 220 MHz FM repeaters. These reliable repeaters can overcome even the most demanding problems posed by low IMD and low spurious emissions. The IC-RP1510 and IC-RP2210 boast highly sensitive receivers, CW identification, time-out timers, DTMF decoders for remote control operation and local/remote operation capability. Transmit and receive frequencies, CTCSS frequency and hang-up timer are programmable with dip switches. These repeaters will give an excellent performance in any environment and are great for group and club use alike.

FEATURES

- STABLE 25 W OUTPUT POWER
- HANG-UP AND TIME-OUT TIMERS
- DTMF REMOTE CONTROL
- BUILT-IN CTCSS DECODER
- EXCELLENT LOW IMD
- LOCAL INHIBIT FUNCTION
- MANUAL TRANSMIT FUNCTION
- AC/DC POWER OPERATION
- RUGGED STEEL FRAME
- BUILT-IN SPEAKER
- HAND MICROPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** IC-RP1510/144.00–148.00 MHz, IC-RP2210/220.00–225.00 MHz • **Power supply requirement:** (U.S.A. version) 100–120 V AC or 13.8 V DC $\pm 15\%$ (Europe version) 220–240 V AC or 13.8 V DC $\pm 15\%$ • **Dimensions:** 480(W) \times 150(H) \times 400(D) mm; 18.9(W) \times 5.9(H) \times 15.7(D) in • **Output power:** 25 W • **Mode:** FM (ID: F2, voice: F3) • **Sensitivity:** Less than 0.32 μ V for 12 dB SINAD 430 (440) MHz FM

DESCRIPTION

Extend your communication reach.

With activity on the UHF bands flourishing, there's never been a better time to own a professional quality repeater like the IC-RP4020 for the 430 (440) MHz or IC-RP1220 for the 1200 MHz. Combining stable output power, a high sensitivity receiver, CTCSS decoder and programmable CW call sign identification capability, these repeaters perform flawlessly under the most demanding conditions.

There's no need for frequent visits to the repeater site because you can change almost all settings by remote control using DTMF codes. To prevent unauthorized remote control adjustments, the DTMF code includes a 4-digit password.

FEATURES

- 3 VERSIONS AVAILABLE: 10, 25, 50 W OUTPUT POWER (IC-RP4020)
- STABLE 10 W OUTPUT POWER (IC-RP1220)
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL
- BUILT-IN CTCSS DECODER
- EXCELLENT, LOW IMD
- LOCAL INHIBIT FUNCTION
- AC/DC POWER OPERATION
- FULLY SYNTHESIZED
- BUILT-IN SPEAKER
- HAND MICROPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** IC-RP4020/430.00–450.00 MHz, IC-RP1220/1240.00–1300.00 MHz • **Power supply requirement:** (U.S.A. version) 100–120 V AC or 13.8 V DC $\pm 15\%$, (Europe version) 220–240 V AC or 13.8 V DC $\pm 15\%$ • **Dimensions:** 425(W) \times 149(H) \times 368(D) mm; 16.7(W) \times 5.9(H) \times 14.5(D) in • **Output power:** IC-RP4020/10, 25 or 50 W (each type available), IC-RP1220/10 or 1 W (selectable) • **Mode:** FM (ID: F2, voice: F3) • **Sensitivity:** Less than 0.32 μ V for 12 dB SINAD

IC-R9000



SP-20
EXTERNAL SPEAKER
WITH AUDIO FILTERS



HP-2
COMMUNI-
CATION
HEADPHONES



CT-16
SATELLITE
INTERFACE
UNIT



UT-36
VOICE
SYNTHESIZER
UNIT



FEATURES

- SUPER WIDEBAND COVERAGE: 100 kHz ~ 2 GHz
- ALL MODES
- 5-INCH MULTI-FUNCTION CRT DISPLAY
- SUPER HIGH FREQUENCY STABILITY
- VISUAL SIGNAL CONFIRMATION BY SPECTRUM SCOPE SCREEN
- CONVENIENT MEMORY EDITOR FUNCTION
- 7 SEPARATE SCAN FUNCTIONS
- 1000 MEMORY CHANNELS WITH 8-CHARACTER NOTE ABILITY
- MEMORY EDITOR FUNCTION
- AUTO MEMORY WRITE SCAN
- VOICE SCAN CONTROL FUNCTION
- 13 ch/sec. SCANNING SPEED
- DDS SYSTEM
- TV VIDEO SIGNAL RECEIVE CAPABILITY*
- DUAL CLOCK
- SLEEP AND DAILY TIMERS
- CI-V SYSTEM FOR COMPUTER CONTROL
- IF SHIFT FUNCTION
- NOTCH FILTER
- GaAs FETs FOR THE UHF/VHF BAND CIRCUITS
- AFC FUNCTION TO COMPENSATE FOR FREQUENCY DRIFT
- DIRECT KEYBOARD ENTRY

* Except with some versions.

DESCRIPTION

The fine art of listening.

There's no better way to put an ear to the world than with Icom's state-of-the-art IC-R9000, a worldwide communications receiver that is simply in a professional class all its own. Here's why: The receiver has continuous, all-mode, super wideband coverage of 100 kHz to 2 GHz, 1000 memory channels, a highly advanced CRT display which displays a wide variety of important information, a state-of-the-art signal analysis spectrum scope that analyzes any signal caught by the receiver's multi-scan functions, Icom's exclusive DDS (Direct Digital Synthesizer) System, a convenient memory editor function and many more outstanding features.

In fact, the IC-R9000 contains so much sophisticated new technology it has to be seen in action to be truly appreciated.

SPECIFICATIONS

• **Frequency coverage:** 0.10000 ~ 1999.80000 MHz • **Tuning step increment:** 10, 100 Hz, 1, 5, 9, 10, 12.5, 20, 25 or 100 kHz • **Power supply requirement:** (U.S.A. version) 100 ~ 120 V AC, (Europe version) 220 ~ 240 V AC • **Max. power consumption:** 110 VA • **Dimensions:** 424(W) × 150(H) × 365(D) mm; 16.7(W) × 5.9(H) × 15.4(D) in • **Mode:** SSB (A3J), CW (A1), FSK (F1), AM (A3), FM (F3), Wide FM (F3) • **Max. sensitivity*:** (0.1 ~ 0.5 MHz) SSB, CW, FSK/0.5 μV. AM/3.2 μV. (0.5 ~ 1.8 MHz) SSB, CW, FSK/1.0 μV. AM/6.3 μV. (1.8 ~ 30.0 MHz) SSB, CW, FSK/0.16 μV. AM/1.0 μV. (30.0 ~ 1000.0 MHz) SSB, CW, FSK/0.32 μV. AM/1.4 μV. FM/0.5 μV. Wide FM/1.4 μV. (1000.0 ~ 1240.0 MHz) SSB, CW, FSK/0.63 μV. FM/1.0 μV. (1240.0 ~ 1300.0 MHz) SSB, CW, FSK/0.32 μV. FM/0.5 μV. (1300.0 ~ 1600.0 MHz) FM/1.0 μV. (1600.0 ~ 1999.8 MHz) FM/1.4 μV

*SSB, CW, FSK, AM: for 10 dB S/N. FM, Wide FM: for 12 dB SINAD.
See the IC-R9000 brochure for detailed specifications.

IC-R71

IC-R72



IC-R71A (U.S.A. version)
IC-R71E (Europe version)
IC-R71D (Germany version)

IC-R72

Keep in touch.

The sophisticated IC-R71A/E is designed to keep you in touch with the world at all times. World renowned, the IC-R71A/E is a versatile, multi-function receiver built for superior performance.

The IC-R71A/E includes a 100 dB dynamic range, RF preamp, adjustable noise blanker, selectable AGC and tuning control or keyboard frequency selection along with many other sophisticated features. Now the whole world is right at your fingertips.

A shortwave listener's delight.

Icom's all-round expertise in communication technology is proven, once again, with the IC-R72. Featuring high sensitivity with 100 dB of dynamic range and state-of-the-art DDS system this innovative receiver will enchant SWLs, BCLs and professional listeners alike.

A convenient 24-hour system clock with timer function turns the receiver on and off automatically. Also available is the battery version IC-R72 that assures approximately 1 hour of operation in the event of a power failure.

FEATURES

- USB, LSB, AM, FM, RTTY AND OPTIONAL FM MODES
- 32 MEMORY CHANNELS
- OPTIONAL REMOTE CONTROLLER
- PROGRAMMED, MEMORY AND SELECTED MODE SCAN FUNCTIONS
- ADJUSTABLE IF NOTCH FILTER
- ADJUSTABLE NOISE BLANKER
- KEYBOARD FREQUENCY ENTRY
- BUILT-IN PREAMPLIFIER AND ATTENUATOR
- OPTIONAL VOICE SYNTHESIZER UNIT

SPECIFICATIONS

• **Frequency coverage:** 0.1000–30.0000 MHz* • **Power supply requirement:** (U.S.A. version) 117 V AC, (Europe version) 235 V AC, (Germany version) 220 V AC • **Dimensions:** 286(W) × 110(H) × 276(D) mm; 11.3(W) × 4.3(H) × 10.9(D) in • **Mode:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) (optional) • **Sensitivity:** SSB, CW, RTTY: (for 10 dB S/N) 1.6–30.0 MHz/less than 0.15 μ V, AM: (for 10 dB S/N) 0.1–0.5 MHz/less than 1.0 μ V, 0.5–1.6 MHz/less than 3.0 μ V, 1.6–30.0 MHz/less than 0.5 μ V, FM: (for 12 dB SINAD) 1.6–30.0 MHz/less than 0.3 μ V

*Germany version does not cover entire frequency range.

FEATURES

- HIGH SENSITIVITY
- ADVANCED DDS SYSTEM
- 100 dB DYNAMIC RANGE
- 24-HOUR SYSTEM CLOCK WITH TIMER
- DIRECT KEYBOARD ENTRY
- PREAMPLIFIER AND ATTENUATOR
- LEVEL-SELECTABLE NOISE BLANKER
- 99 MEMORY CHANNELS
- SCAN FUNCTIONS INCLUDING AUTO MEMORY WRITE SCAN

SPECIFICATIONS

• **Frequency coverage:** 0.0300–30.0000 MHz* (Specifications guaranteed 0.1000–30.0000 MHz.) • **Power supply requirement:** (U.S.A. version) 117 V AC or 13.8 V DC, (Europe version) 240 V AC or 13.8 V DC, (Germany version) 220 V AC • **Dimensions:** 241(W) × 94(H) × 229(D) mm; 9.5(W) × 3.7(H) × 9.0(D) in • **Mode:** SSB (A3J), CW (A1), AM (A3), FM (F3) (optional) • **Max. sensitivity:** 0.1–1.8 MHz/12.6 μ V (AM), 1.8–30 MHz/0.16 μ V (SSB, CW), 2 μ V (AM), 28–30 MHz/0.5 μ V (FM)

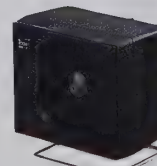
SSB, CW: for 10 dB S/N, FM: for 12 dB SINAD

*Some versions do not cover entire frequency range.

IC-SP3
EXTERNAL
SPEAKER



GC-5
WORLD
CLOCK



SP-7
EXTERNAL
SPEAKER

IC-EX257
FM UNIT

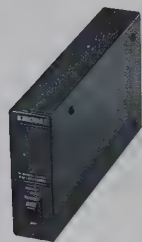


UI-8
FM RECEIVE
UNIT

IC-R7000



TV-R700
TV RECEIVE ADAPTER



CT-17
CI-V LEVEL
CONVERTER



RC-12
WIRELESS
REMOTE
CONTROLLER

AH-7000
SUPER WIDEBAND
OMNIDIRECTIONAL
ANTENNA



FEATURES

- SSB, FM, WIDE-FM AND AM MODES
- WIDEBAND COVERAGE: 25 MHz ~ 2 GHz
- 99 MEMORY CHANNELS
- VARIABLE SCAN SPEED
- SELECTABLE SCAN DELAY TIME
- NOISE BLANKER
- ATTENUATOR AGAINST STRONG SIGNALS
- 6 ADVANCED SCAN FUNCTIONS
- VOICE SCAN CONTROL FUNCTION
- KEYBOARD FREQUENCY ENTRY
- DIAL LOCK FUNCTION
- SELECTABLE DISPLAY INTENSITIES AND CENTER METERS
- HEADPHONE AND RECORDING JACKS
- OPTIONAL WIRELESS REMOTE CONTROL
- OPTIONAL TV RECEIVE CAPABILITY
- OPTIONAL VOICE SYNTHESIZER UNIT
- CI-V SYSTEM FOR COMPUTER CONTROL

DESCRIPTION

The professional grade receiver.

Icom answers the needs of professionals and serious amateurs with IC-R7000, a truly advanced commercial grade receiver that lives up to the best expectations of so many listeners.

To cover virtually every station you're ever likely to want to hear, the IC-R7000 receives a wide frequency range from 25 MHz ~ 2 GHz with high frequency stability. Unlike with ordinary receivers, you can listen to even in SSB mode plus FM, wide-FM and AM modes.

For extra versatility, 6 kinds of scan functions — priority, programmed, selected memory, selected mode, memory, and auto memory write — are included. Stations throughout a wide frequency range can be searched quickly. In addition, the voice scan control function allows you to skip all frequencies without voice signals.

SPECIFICATIONS

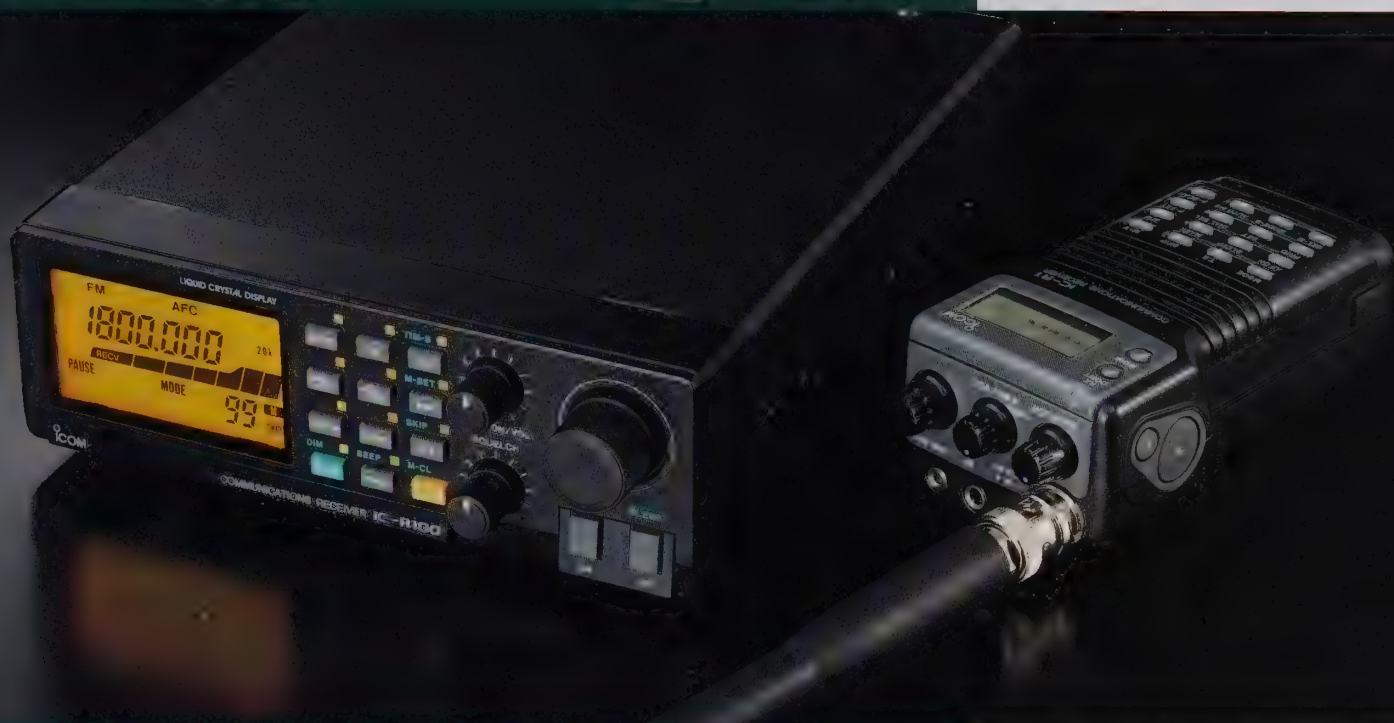
• **Frequency coverage:** 25.0000-999.9999 MHz, 1025.0000-1999.9999 MHz* (Specification guaranteed 25.0000-999.9999 MHz and 1240.0000-1300.0000 MHz.) • **Power supply requirements:** (U.S.A. version) 117 V AC, (Europe version) 220 or 240 V AC • **Dimensions:** 286(W) × 110(H) × 276(D) mm; 11.3(W) × 4.3(H) × 10.9(D) in • **Mode:** SSB (A3J), FM (F3), Wide FM (F3), AM (A3) • **Max. sensitivity:** 25-1000 MHz/0.3 μV (SSB), 1 μV (AM), 0.5 μV (FM), 1 μV (Wide FM), 1240-1300 MHz/0.5 μV (FM)

SSB, AM: for 10 dB S/N, FM, Wide FM: 12 dB SINAD

*Some versions do not cover entire frequency range.

IC-R100

IC-R1

NOT AVAILABLE IN THE
U.S. OR CANADA

DESCRIPTION

A wide window on the radio world.

On the road, at home or almost anywhere else, the IC-R100 receives many stations that you want to listen to including broadcasts, emergency services, aircraft, vessels at sea and anything in the 500 kHz ~ 1.8 GHz frequency range.

For listening convenience, a 24-hour system clock with timer functions, 100 memory channels, direct keyboard entry and handy scan functions that help you find any desired station quickly are included. An optional AD-15A/E/D/V AC ADAPTER is available for listening at home.

FEATURES

- FULLY COVERS 500 kHz ~ 1.8 GHz
- 100 MEMORY CHANNELS
- 10 PROGRAMMED SCAN RANGES
- MEMORY SCAN
- PRIORITY SCAN
- SELECTED MODE MEMORY SCAN
- AUTO MEMORY WRITE SCAN
- MEMORY SKIP FUNCTION
- DIRECT KEYBOARD ENTRY
- CLOCK WITH TIMER FUNCTIONS
- 15 dB PREAMPLIFIER (50 ~ 905 MHz)
- AFC FUNCTION (above 50 MHz FM)

SPECIFICATIONS

• **Frequency coverage:** 0.100~1856.000 MHz* (Specifications guaranteed 0.500~1800.000 MHz) • **Dimensions:** 150(W) × 50(H) × 181(D) mm; 5.9(W) × 2.0(H) × 7.1(D) in
• **Mode:** AM, FM, Wide FM • **Max. sensitivity:** 500 kHz~1.63 MHz/3.2 μV (AM), 1.63~50 MHz/1.6 μV (AM), 0.56 μV (FM), 50~905 MHz/0.56 μV (AM), 0.2 μV (FM), 0.63 μV (Wide FM), 905~1380.5 MHz/0.32 μV (FM), 1380.5~1800 MHz/0.45 μV (FM)

AM: for 10 dB S/N FM, Wide FM: 12 dB SINAD

*Some versions do not cover entire frequency range.

DESCRIPTION

The whole world in your pocket.

Tune into the world around you on the 2 ~ 905 MHz band with the IC-R1, one of the smallest wide band receivers ever made. Measuring just 49(W) × 102.5(H) × 35(D)* mm and weighing only 280 g, the IC-R1 receives broadcasts, aircraft, ship-to-shore and emergency service radio, etc., right into the palm of your hand. Comfortable outdoor radio monitoring is assured with a host of features including 100 memory channels, perfect scan functions and tuning control.

*1.9(W) × 4.0(H) × 1.4(D) in and 9.9 oz

FEATURES

- ULTRA-COMPACT SIZE
- FULLY COVERS 2 ~ 905 MHz
- 100 MEMORY CHANNELS
- AM, FM AND WIDE-FM MODES
- DIRECT KEYBOARD ENTRY
- CONVENIENT TUNING CONTROL
- 24-HOUR SYSTEM CLOCK
- TIMER FUNCTIONS
- 10 PROGRAMMED SCAN RANGES
- AUTO MEMORY WRITE SCAN
- AUTO POWER SAVER
- BUILT-IN NiCd BATTERIES
- ACCEPTS OPTIONAL BATTERY PACK

SPECIFICATIONS

• **Frequency coverage:** 0.100~1300.000 MHz* (Specifications guaranteed 2.000~905.000 MHz) • **Dimensions:** 49(W) × 102.5(H) × 35(D) mm; 1.9(W) × 4.0(H) × 1.4(D) in
• **Mode:** FM, Wide FM, AM • **Max. sensitivity:** 2~25 MHz/1.6 μV (AM), 0.79 μV (FM), 25~905 MHz/0.79 μV (AM), 0.4 μV (FM), 3.16 μV (Wide FM)

AM: for 10 dB S/N FM, Wide FM: 12 dB SINAD

*Some versions do not cover entire frequency range.

BP-81-BP-90
BATTERY PACKSBA-12
BATTERY
CHARGE
ADAPTERBC-72
DESKTOP CHARGER

HP-4

CP-12/CP-11
CIGARETTE LIGHTER CABLE
WITH NOISE FILTERAD-15A/E/D/V
AC ADAPTER



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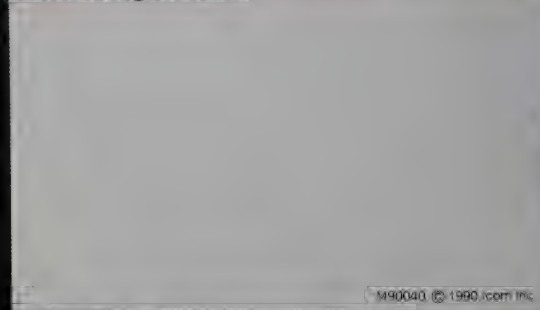
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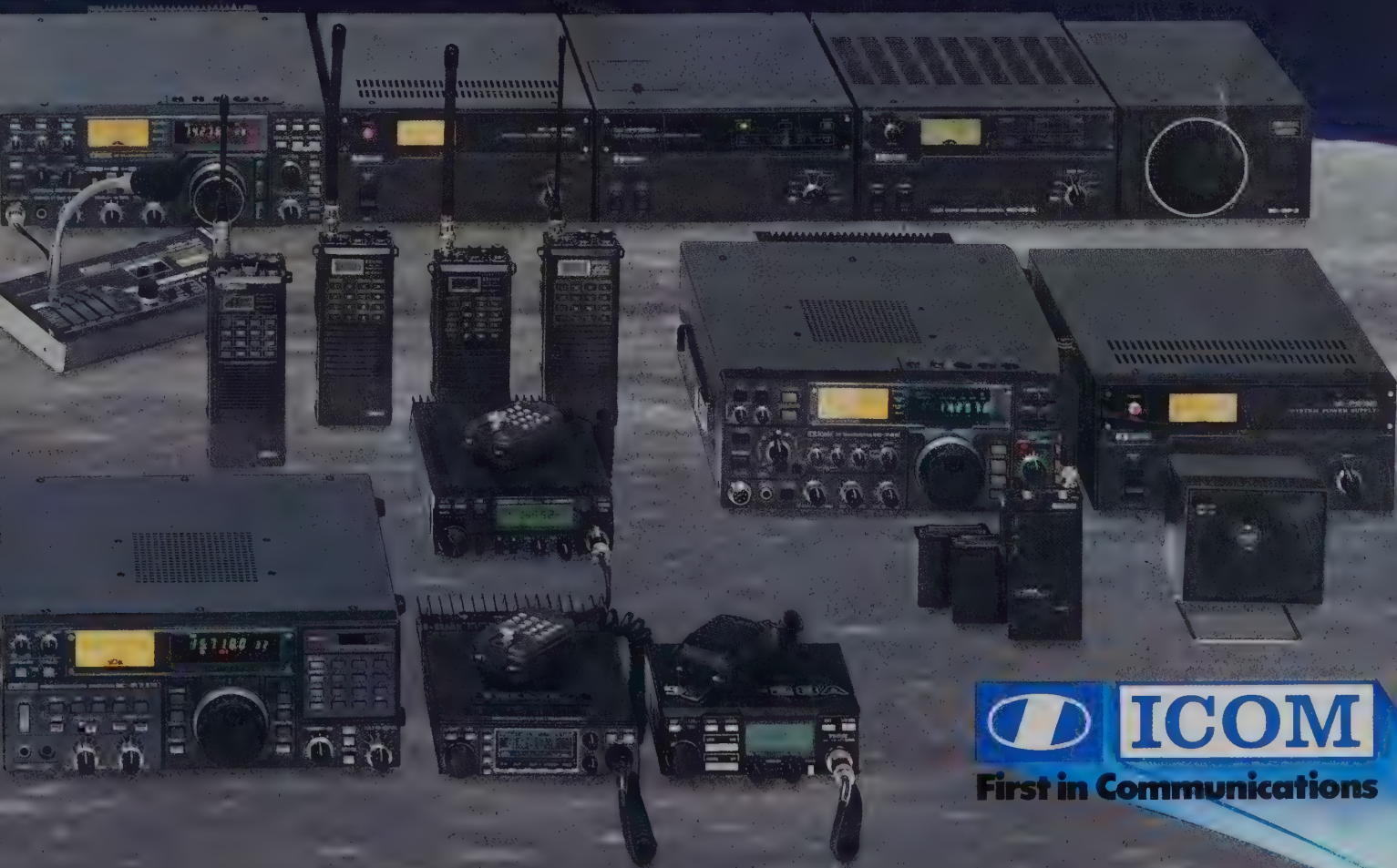
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ICOM HAM CATALOG



 **ICOM**
First in Communications

ICOM. THE WORLD AT YOUR FINGERTIPS



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All stated specifications are approximate and subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions.

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SPECIFICATIONS

IC-751A HF Transceiver/General Coverage Receiver

Experience top-of-the-line performance with amateur radio's most exciting HF transceiver! The all-mode IC-751A sports 105dB dynamic range, 32 frequency/mode memories, 100 watts output with 100% duty cycle, and includes an IC-HM12 mic. CW operators will love its included 500Hz filter, electronic keyer and QSK (40wpm).

Frequency Coverage

1.8-2.0MHz, 3.45-4.1MHz, 6.95-7.5MHz,
9.95-10.5MHz, 13.95-14.5MHz, 17.95-18.5MHz,
20.95-21.5MHz, 24.45-25.1MHz, 27.95-30.0MHz

Power Supply Req. / Current Drain (Transmit Only)

13.8V DC \pm 15% (negative ground)
20A maximum at 200W input

Dimensions

12"(306mm)(W) x 4.5"(115mm)(H) x 14"(355mm)(D)

Output Power

SSB: 100W PEP; RTTY: 100W; CW: 100W; AM: 50W; FM: 100W

Emission Modes

SSB (USB/LSB) CW, FM, RTTY, AM

Sensitivity

SSB, CW, RTTY: 0.1-0.5MHz, Less than 0.5 μ V for 10dB S/N, 0.5-1.6MHz
Less than 1 μ V for 10dB S/N, 1.6-3.0MHz
Less than 0.15 μ V for 10dB S/N
AM: 0.1-0.5MHz Less than 3 μ V for 10dB S/N, 0.5-1.6MHz Less than 6 μ V for 10dB S/N
1.6-30.0MHz Less than 1 μ V for 10dB S/N
FM: 28-30MHz Less than 0.3 μ V for 12dB SINAD

Audio Output

More than 2.6W

FEATURES

- 32 Memories/Frequency, Mode
- 100 Watts
- Electronic Keyer Included
- Full Break-in (40WPM)
- IC-HM36 Mic Included
- All Modes
- 12V Operation
- 100% Duty Cycle
- 105dB Dynamic Range
- 500Hz CW Crystal Filter Standard

HF ACCESSORIES



IC-2KL
Linear Amplifier



IC-PS30
System Power Supply



SM-10
Desk Mic



IC-745 HF Transceiver/General Coverage Receiver

SPECIFICATIONS

FEATURES

- 16 Memories/Frequency, Mode
- 100 Watts
- Passband Tuning
- General Coverage Receiver
- IC-HM12 Mic Included
- Scanning
- 100% Duty Cycle
- 100dB Dynamic Range
- Adjustable Noise Blanker

This stouthearted and time proven HF performer is a DXer's dream come true. Included in its many features are passband tuning, scanning, fully adjustable noise blanker, continuously variable AGC, and 100dB dynamic range. Plus 16 memories and a superior transmitter providing 100 watts output with 100% duty cycle.

Receiver: 0.1-30MHz;
Transmitter: 1.8-2.0MHz, 3.45-4.1MHz, 6.95-7.5MHz, 9.95-10.5MHz, 13.95-14.5MHz, 17.95-18.5MHz, 20.95-21.5MHz, 24.95-25.1MHz, 27.95-30.0MHz
10Hz, 50Hz, or 1kHz with TS switch
13.8V DC \pm 15% (negative ground)
20A maximum at 200W input

11.7"(286mm)(W) x 4.5"(111mm)(H) x 14.5"(355mm)(D)
SSB: 100W PEP; CW: RTTY 100W; Continuously Adjustable
Output Power: (10-100W); AM No Transmit; FM 100W (Option)
 \pm 5kHz (when operating FM mode)

SSB (USB/LSB), CW, FM, RTTY, AM (Receive only)
SSB/CW/RTTY for 10dB S/N: 0.1-1.6MHz - Preamp Off - 1μ V, 1.6-30MHz - Preamp Off - 0.3μ V, 1.6-30MHz - Preamp On - 0.15μ V. AM for 10dB S/N: 0.1-1.6MHz - Preamp Off - 4.5μ V, 1.6-30MHz - Preamp Off - 0.7μ V, 1.6-30MHz - Preamp On - 0.35μ V. FM for 12dB SINAD: 1.6-30MHz - Preamp On - 0.3μ V.
More than 2.8W

Frequency Coverage

Frequency Resolution
Power Supply Req. /
Current Drain
(Transmit Only)

Dimensions
Output Power

Max. Freq. Deviation
Emission Modes
Sensitivity

Audio Output

HF ACCESSORIES



IC-AT500
HF Antenna Tuner

IC-PS15
Power Supply

IC-SP3
External
Speaker

SM-10
Desk Mic

SM-8
Desk Mic



SPECIFICATIONS

IC-735

HF Transceiver/General Coverage Receiver

The IC-735 is today's most versatile compact transceiver! Ideal for fixed, mobile or portable operation! The IC-735 tures 105dB dynamic range, adjustable noise blanker, tunable I.F. notch, and 100 watts output with 100% duty cycle. The IC-735's unique design includes a hatch cover to protect seldom used controls.

Frequency Coverage

Receiver: 0.1-30MHz; Transmitter: 1.8-2.0MHz, 3.4-4.1MHz, 6.9-7.5MHz, 9.9-10.5MHz, 13.9-14.5MHz, 17.9-18.5MHz, 20.9-21.5MHz, 24.4-25.1MHz, 27.9-30MHz.

Frequency Resolution

10Hz, 1kHz, or 1MHz

Power Supply Req. / Current Drain (Transmit Only)

13.8V DC \pm 15% (negative ground) current drain 20A max. at 200W input. External AC power supply is available for AC operation.

Dimensions

9.5"(237mm)(W) x 3.7"(92mm)(H) x 9"(225mm)(D)

Output Power

SSB: 10-100W PEP; CW, FM: 10-100W; AM: 10-40W

Max. Freq. Deviation

\pm 5kHz

Emission Modes

SSB (USB/LSB), CW, FM, AM

Sensitivity

SSB, CW: 0.1-3.6MHz, less than 1.0 μ V for 10dB S/N, 1.6-30MHz, less than 0.15 μ V for 10dB S/N; AM: 0.1-1.6MHz less than 6 μ V for 10dB S/N, 1.6-30MHz less than 1 μ V for 10dB S/N; FM: 1.6-30MHz less than 0.3 μ V for 12dB SINAD

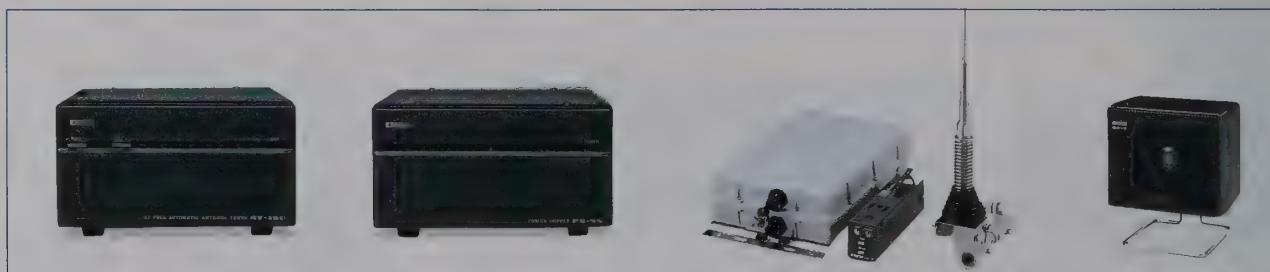
Audio Output

More than 3W

FEATURES

- 12 Memories Frequency, Mode
- 100 Watts
- Large LCD Readout
- FM Standard
- IC-HM12 Mic Included Standard
- Compact Size
- Tunable Notch
- 100% Duty Cycle
- 105dB Dynamic Range
- QSK to 40WPM

HF ACCESSORIES



AT-150

Automatic Antenna Tuner

PS-55

AC Power Supply

AH-2

HF Automatic Antenna Tuner

SP-7

External Speaker



IC-R71

IC-R71A (USA Version)
IC-R71E (European Version)
IC-R71D (German Version)

HF General Coverage Receiver

Recognized worldwide, the IC-R71 is a quality receiver with superior performance! The versatile IC-R71 includes 100dB dynamic range, passband tuning, RF preamp, adjustable noise blanker, selectable AGC and dial or keyboard frequency selection. Listen to the world with the IC-R71!

- 32 Memories
- Scanning
- Optional Infrared Remote Control
- Selectable AGC
- Optional DC Kit for Mobile Operation
- Direct Keyboard Entry

IC-R71A: 0.1-30MHz; IC-R71D: 0.15-26.1MHz;
IC-R71E: 2.0-30.0MHz

117V or 235V $\pm 10\%$ 50-60Hz 30V A (100V/220V/240V use requires internal modification)

11.2"(286mm)(W) x 4.3"(111mm)(H) x 10.8"(276mm)(D)

SSB (USB/LSB), CW, RTTY, AM, FM (Option)
SSB, CW RTTY: Less than $0.15\mu\text{V}$ (0.1-1.6MHz : $1\mu\text{V}$) for 10dB S+N/N; AM: Less than $0.5\mu\text{V}$ (0.1-1.6MHz : $3\mu\text{V}$)
FM: Less than $0.3\mu\text{V}$ for 12dB SINAD (1.6-30MHz)
More than 3W



IC-R7000

VHF/UHF Receiver

The ultimate commercial quality VHF/UHF microwave scanning receiver! It features continuous tuning from 25 to 1000MHz and 1025 to 2000MHz, multimode operation, six tuning speeds, and an optional voice synthesizer. Plus six advanced scanning functions: priority, programmed, selective, mode, memory or automatic memory write scan.

- 99 Memories
- Direct Keyboard Entry
- Scanning
- Optional DC Kit for Mobile Operation
- Optional Infrared Remote Controller

25-1000MHz*, 1025-2000MHz (specifications guaranteed from 25 to 1000MHz and 1240 to 1300MHz);

*France and Australia: excluding 87.5-108.0MHz
0.1kHz, 1kHz, 5kHz, 10kHz, 12.5kHz, 25kHz all bands
117V, 220V or 240V AC (50Hz/60Hz)

11.2"(286mm)(W) x 4.3"(110mm)(H) x 10.8"(276mm)(D)

FM (Narrow/Wide), AM, SSB
25-999.999MHz; FM: Less than $0.5\mu\text{V}$ for 12dB SINAD;
FM(wide): Less than $1.0\mu\text{V}$ for 12dB SINAD; AM: Less than $1.0\mu\text{V}$ for 10dB S/N; SSB: Less than $0.3\mu\text{V}$ for 10dB S/N
More than 2.5W

FEATURES

SPECIFICATIONS

Frequency Coverage

Frequency Resolution Power Supply Req. / Current Drain (Transmit Only)

Dimensions Output Power Max. Freq. Deviation Operating Modes Sensitivity

Audio Output

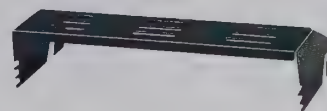
RECEIVER ACCESSORIES



RC-11
Remote Control



RC-12
Remote Control



IC-MB12
Mounting Bracket



IC-275 IC-275A (25 Watt USA Version) IC-275E (25 Watt European) IC-275H (100 Watt Version) 2 Meter/FM/CW/SSB Transceiver

FEATURES

A glamorous new compact all-mode VHF transceiver that's jam packed with all the most wanted features. It boasts 25 watts (IC-275A) or 100 watts (IC-275H) output, 99 memories, scanning, only five seconds for full memory scanning, priority channels and DDS (Direct Digital Synthesizer), plus CI-V (Communications Interface for computer control). A great OSCAR unit!

- **DDS (Direct Digital Synthesizer)**
- **Scanning**
- **Priority Channels**
- **Only 5 seconds for 99 Memory Channel Scanning**

SPECIFICATIONS

Frequency Coverage	IC-275A/H: 140.1-150.0MHz (Guaranteed 143.8-148.2MHz) IC-275E/H: 144.0-146.0MHz
Frequency Resolution	SSB, CW, 10Hz; FM 5kHz
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 15% IC-275A/E: High 6.0A, Low 3.0A IC-275H: High (100W) Approx. 20A, Low (10W) Approx. 7.0A
Dimensions	9.5"(241mm)(W) x 3.7"(95mm)(H) x 9.4" (239mm)(D)
Output Power	IC-275A/E: High 25W, Low 2.5W; IC-275H: High 100W, Low 10W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	SSB (USB/LSB), CW, FM
Sensitivity	FM: Less than 0.18 μ V (15dB μ) for 12dB SINAD; Less than 0.25 μ V (12dB μ) for 20dB NQL SSB, CW: Less than 0.1 μ V (20dB μ) for 10dB S/N
Audio Output	More than 2W



IC-271 IC-271A (25 Watt USA Version) IC-271E (25 Watt European) IC-271H (100 Watt Version) 2 Meter/FM/CW/SSB Transceiver

The standard of comparison in all-mode VHF transceivers, and the OSCAR enthusiasts dream rig! This versatile all-mode unit includes 32 frequency/mode/offset/tone memories, 38 built-in subaudible tones (USA), scanning, adjustable tuning speeds, RIT, all-mode squelch and tone control. 12 volt DC operation. Optional internal or external AC supplies.

- **32 Memories/Frequency, Offset, Tone**
- **Scanning**
- **38 Built-in Subaudible Tones (USA)**
- **IC-HM12 Mic Included**
- **1750Hz Tone Call (Europe)**

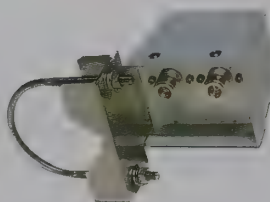
IC-271E/H: 144-146MHz IC-271A/H: 143.8000-148.1999MHz
SSB 10/100Hz steps, 1kHz with TS switch pressed, FM: 5kHz steps
13.8V DC \pm 15% (negative ground) High (25W) Approx. 6.0A, Low (1W) Approx. 2.0A IC-271H: High (100W) Approx. 20A, Low (10W) Approx. 7.0A
11.3"(285mm)(W) x 4.3"(110mm)(H) x 10.8"(275mm)(D)
IC-271A/E: CW, FM, SSB 25W, IC-271H: 100W
\pm 5kHz
SSB (USB/LSB), CW, FM
SSB, CW: Less than 0.5 μ V for 10dB S+N/N FM: Less than 0.3 μ V for 12dB SINAD
More than 2W

VHF ACCESSORIES

*IC-PS30 System Power Supply shown on page 4 is also compatible with units on this page.



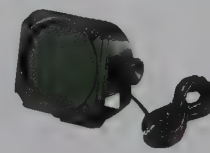
SM-8
Desk Mic



IC-AG1
External Preamp



AG-25
External Preamp



IC-SP4
Remote Speaker



SM-10
Desk Mic



IC-27 **IC-27A** (25 Watt USA Version)
IC-27E (European Version)
IC-27H (45 Watt Version)
2 Meter/FM Mobile

Experience a complete new world of VHF/FM operating enjoyment with ICOM's no compromise and ultra compact IC-27. Its unlimited features include nine memories, MARS/CAP operation, four scanning modes, 38 built-in subaudible tones (USA), transmit check switch, internal speaker, and optional speech synthesizer. An IC-HM23 scanning DTMF mic (USA) is included with this 25 watt (IC-27A) or 45 watt (IC-27H) unit.

- 9 Memories/Frequency, Offset, Tone
- Slim Line
- Scanning
- Internal Speaker
- 1750Hz Tone Call (Europe)

IC-27A/H: 140-149.995MHz

IC-27E/H: 144-146MHz

IC-27A/H: 15kHz/5kHz with TS switch

IC-27E/H: 12.5kHz/25kHz

13.8V DC $\pm 15\%$ (negative ground), High (25W) Approx. 6.0A

IC-27H: High (45W) Approx. 9.5A

1.5"(140mm)(W) x 5.5"(38mm)(H) x 7.0"(177mm)(D)

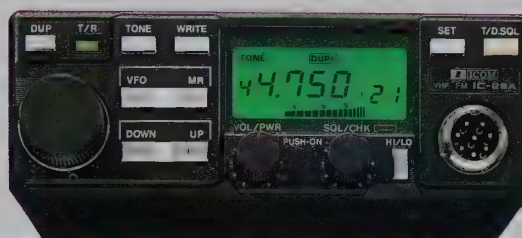
IC-27H is 8.9" (9.4")D

IC-27A/E: 25W High, 5W Low; IC-27H: 45W High, 5W Low $\pm 5\text{kHz}$

FM

Less than $0.2\mu\text{V}$ for 12dB SINAD

More than 2W



IC-28 **IC-28A** (25 Watt USA Version)
IC-28E (European Version)
IC-28H (45 Watt Version)
2 Meter/FM Mobile

Take a close look at this easy-to-use and compact VHF FM transceiver. It's unique. The receiver's extended coverage (138 to 174MHz) includes NOAA weather copy, public services, MARS/CAP, and the full 2-meter band. It has 21 memories, scanning, large LCD readout, 38 built-in subaudible tones (USA), and it's packet compatible. An IC-HM12 scanning mic is included.

- 21 Memories
- Compact Size
- Wideband Coverage
- Large LCD Readout
- 1750Hz Tone Call (Europe)

IC-28A/H Rx: 138-174MHz; Tx: 140.1-150MHz

IC-28E Rx, Tx: 144-146MHz

IC-28A/H: 5, 10, 15, 20, 25kHz (programmable)

IC-28E: 12.5 or 25kHz (programmable)

13.8V DC $\pm 15\%$ (negative ground) AC power supply available.

High (25W) Approx. 6.0A, Low (5W) Approx. 3.0A;

IC-28H: (45W) Approx. 9.5A, (5W) Approx. 3.5A

5.5"(137mm)(W) x 2"(50mm)(H) x 5.2"(130mm)(D)

IC-28H is 6.1"(152mm)(D)

IC-28A/E: 25W High, 5W Low; IC-28H: 45W High, 5W Low $\pm 5\text{kHz}$

FM

Less than $0.18\mu\text{V}$ for 12dB SINAD

More than 2.4W

FEATURES

SPECIFICATIONS

Frequency Coverage

Frequency Resolution Power Supply Req. / Current Drain (Transmit Only)

Dimensions

Output Power Max. Freq. Deviation Emission Modes Sensitivity Audio Output

VHF ACCESSORIES



IC-HM14
 Scanning/Touchtone
 Mic



PS-45
 Power
 Supply



SP-10
 4 ohm
 Speaker



HS-15
 Mobile Microphone
HS-15SB
 PTT Switchbox



SP-8
 Slim Line
 External
 Speaker



IC-290 IC-290H (25 Watt Version) IC-290D (European Version) 2 Meter/FM/CW/SSB Mobile

FEATURES

This advanced mobile transceiver offers outstanding FM, SSB, CW, and OSCAR operation in high style. It features 25 watts output, noise blanker, RIT, scanning, adjustable transmit offset, and an easy to read LED readout. IC-HM14 (IC-290H) or IC-HM10 (IC-290D) mic included. A proven performer of outstanding quality!

- 5 Memories
- Scanning
- All Mode
- Priority Channel
- Adjustable Offset Splits

SPECIFICATIONS

Frequency Coverage

IC-290H: 143.8–148.2MHz
IC-290D: 144–146MHz

Frequency Resolution

SSB: 100Hz steps; FM: 5kHz steps – TS 1kHz

Power Supply Req. / Current Drain (Transmit Only)

IC-290E: SSB (25W PEP) Approx. 2.2A;
CW, FM (10W) Approx. 3.1A
IC-290H/D: SSB (25W PEP) Approx. 4.8A;
CW, FM (25W) Approx. 5.0A

Dimensions

6.7"(170mm)(W) x 2.5"(64mm)(H) x 8.5"(218mm)(D)

Output Power

SSB: High 25W (PEP), Low 1W (PEP);
FM, CW: High 25W, Low 1W

Max. Freq. Deviation Emission Modes

± 5kHz
SSB (USB/LSB), CW, FM

Sensitivity

SSB, CW: Less than 0.5 μ V for 10dB S+N/N
FM: Less than 0.2 μ V for 12dB SINAD

Audio Output

More than 2W



IC-3200 IC-3200A (USA Version) IC-3200E (European Version) 2 Meter/440MHz Dual Band Mobile

ICOM's IC-3200 brings you deluxe dual band FM operation in a package no larger than a 2 meter unit, and it's loaded with innovative features. There's 10 memories, scanning, memory lock-out, 38 built-in subaudible tones (USA), LCD readout, MARS/CAP operation, 25 watts output, and a built-in duplexer for using a dual band antenna.

- 10 Memories/Frequency, Offset, Tone
- Scanning
- Compact
- Memory Lock-out
- 1750Hz Tone Call (Europe)

IC-3200A: 140–150MHz and 440–450MHz;
IC-3200E: 144–146MHz and 430–440MHz

IC-3200A: VHF 5kHz or 15kHz, UHF 5kHz or 25kHz
IC-3200E: VHF/UHF 12.5kHz or 25kHz

13.8V DC \pm 15% (negative ground)
High (25W) 7.5A, Low (5W) 3.5A

5.5"(137mm)(W) x 2"(50mm)(H) x 8.1"(202mm)(D)

High 25W, Low 5W

FM

Less than 0.2 μ V for 12dB SINAD
Less than 0.4 μ V for 20dB noise quieting
More than 1.7W

VHF ACCESSORIES



IC-HM9
Speaker-Mic



SP-10
4 ohm Speaker



AH-32
Dual Band
Antenna

AH-32B
Trunk Mount
Bracket



ICOM's micro 2-meter handheld ...small in size, big in features.

- 10 Memories
- DTMF (IC-μ2AT)
- 38 Built-in Subaudible Tones (USA IC-μ2AT)
- LCD Readout
- Pocket Size
- Wideband Coverage
- BP-22, AC Wall Charger, Flexible Antenna, Wrist Strap, Standard

IC-μ2 IC-μ2A (USA Version) IC-μ2AT (USA Version) IC-μ2E (European Version) 2 Meter/FM Handheld

IC-μ2A/AT: Tx 140-149.995MHz;
Rx 140-169.995MHz;
IC-μ2A: Australia 144-147.995MHz;
IC-μ2E: 144-145.9875MHz

5kHz
8.4V DC; High 550mA, Low 220mA

2.3"(58mm)(W) x 4.6"(141mm)(H) x 1.1"(29mm)(D) with BP-21 battery

High 1.5W (3W optional)
Low 0.1W

± 5kHz

FM

Less than 0.25μV (12dBμ) for 12dB SINAD

Less than 0.32μV (10dBμ) for 20dB NQL

More than 0.25W



The most advanced and full-featured 2-meter handheld.

- 10 Memories Frequency, Offset, Tone
- Scanning
- DTMF (IC-02AT)
- 38 Built-in Tones (USA)
- 3 Watts
- LCD Readout
- IC-BP3, Flexible Antenna, AC Wall Charger, Belt Clip, Wrist Strap, Ear Plug, Standard

IC-02 IC-02A (USA Version) IC-02AT (USA Version) IC-02E (European Version) 2 Meter/FM Handheld

IC-02AT: 140-151.995MHz
IC-02E: 144.000-145.995MHz

5kHz
8.4V DC with IC-BP3 attendant battery pack.
7.0V - 16V DC negative ground is acceptable. High (3W) Approx. 1.05A, Low (0.5W) Approx. 450mA

2.6"(65mm)(W) x 4.6"(116mm)(H) x 1.4"(35mm)(D)

High 3.0W (at 8.4V DC), 5.0W (at 13.2V DC)
Low 0.5W (at 8.4V DC - 13.2V)

± 5kHz

FM

Less than 0.25μV for 12dB SINAD

Less than 0.3μV for 20dB noise quieting

More than 0.5W



The world's favorite 2-meter handheld.

- DTMF (IC-2AT)
- 1.5 Watts
- Variety of Accessories
- Fully Synthesized
- 1750Hz Tone Call (Europe)
- Most Popular Handheld
- IC-BP3, Flexible Antenna, AC Wall Charger, Belt Clip, Wrist Strap, Ear Plug, Standard

IC-2 IC-2A (USA Version) IC-2AT (USA Version) IC-2E (European Version) 2 Meter/FM Handheld

IC-2A/AT: 144.000-147.995MHz
IC-2E: 144.000-145.995MHz

5kHz
8.4V DC with attendant battery pack. 6.0 to 10.8V DC negative ground is acceptable. High (1.5W) Approx. 700mA, Low (0.15W) Approx. 300mA

2.6"(65mm)(W) x 4.6"(116.5mm)(H) x 1.4"(35mm)(D)

High 1.5W (at 8.4V) (2.5W optional)
Low 0.15W (at 8.4V)

± 5kHz

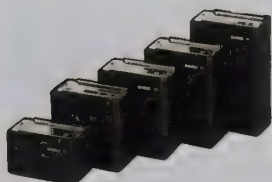
FM

Less than 0.2μV for 12dB SINAD

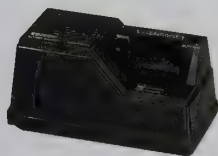
More than 26dB S+N+D/N+D at 1μV

More than 0.3W

VHF ACCESSORIES



BATTERY PACKS for IC-μ2 Series
BP-20, BP-21, BP-22,
BP-23, BP-24



BC-50
Drop-in Charger
for IC-μ2 Series



BC-35
Drop-in Charger



LC-14
Carrying Case



CP-10
Battery Separator Cable

See Handheld Accessories List on Page 21



IC-475 **IC-475A** (USA Version)
IC-475E (European Version)
IC-475H (75 Watt Version)
440MHz/FM/CW/SSB/Transceiver

FEATURES

ICOM's fantastic all-mode UHF transceiver brings deluxe fixed, mobile and portable operations to the discriminating amateur and OSCAR operator. Featuring 75 watts (IC-475H) or 25 watts (IC-475A) output, 99 memories, scanning, priority channels, only five seconds for 99 channel memory scanning, and DDS (Direct Digital Synthesizer), plus CI-V (Communications Interface).

- **DDS (Direct Digital Synthesizer)**
- **99 Memories**
- **Scanning**
- **Only 5 seconds for 99 Memory Channel Scanning**

SPECIFICATIONS

Frequency Coverage	IC-475A: 430-450MHz IC-475E: 430-440MHz
Frequency Resolution	1kHz
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 15% IC-475A/E: High 5.0A, Low 2.5A
Dimensions	9.5"(241mm)(W) x 3.7"(95mm)(H) x 9.4"(239mm)(D)
Output Power	IC-475A/E: High 25W; Low 1W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	SSB (USB/LSB), FM, CW
Sensitivity	FM: Less than 0.18 μ V (15dB μ) at 12dB SINAD; Less than 0.12 μ V (12dB μ) at 20dB SINAD SSB, CW: Less than 0.10 μ V (20dB μ) at 10dB SINAD
Audio Output	More than 2W



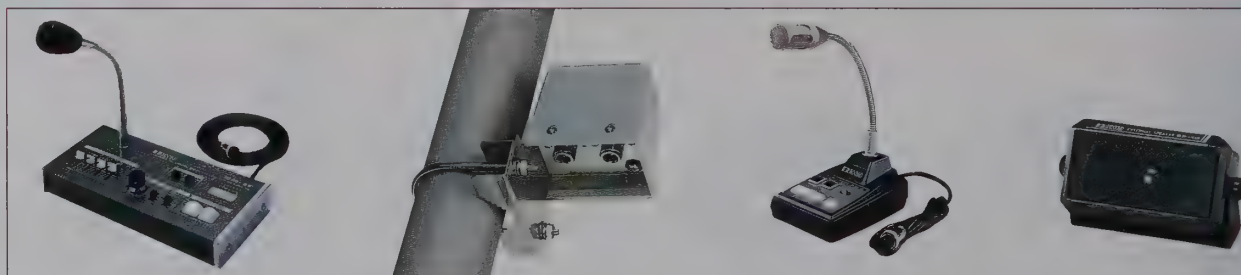
IC-471 **IC-471A** (25 Watt USA Version)
IC-471E (25 Watt European Version)
IC-471H (75 Watt Version)
440MHz/FM/CW/SSB/Transceiver

Truly the most desired UHF base station transceiver today, and the OSCAR mate to the IC-271. Its all-mode operation includes 38 frequency/offset memories, scanning, adjustable tuning speeds, 38 built-in subaudible tones (USA), all-mode squelch, and RIT. Variable output to 75 watts (IC-471H) or 25 watts (IC-471A/E).

- **32 Memories/Frequency, Offset, Tone**
- **Scanning**
- **Adjustable Tuning Speed**
- **IC-HM12 Mic Included**
- **1750Hz Tone Call (Europe)**

IC-471A/H: 430-450MHz IC-471E/H: 430-440MHz
SSB 10/100Hz steps; FM 5kHz steps, 1kHz steps with TS switch turned on
IC-471A/E: 13.8V DC \pm 15% (8A maximum) IC-471H: 13.8V DC \pm 15% (20A maximum)
IC-471A/E: 8A at 25W, 2.5A at 1W; IC-471H: 19A at 75W, 8A at 10W 11.2"(285mm)(W) x 4.3"(110mm)(H) x 10.8"(275mm)(D)
IC-471A/E: SSB 25W PEP, CW, FM 25W IC-471H: SSB 75W PEP, CW, FM 75W
\pm 5kHz
SSB (USB/LSB), FM, CW
SSB, CW: Less than 0.3 μ V for 10dB S+N/N
FM: Less than 0.3 μ V for 12dB SINAD; Less than 0.5 μ V for 20dB noise quieting
More than 2W

UHF ACCESSORIES



SM-10
Desk Mic

AG-35
External
Preamp

SM-8
Desk Mic

SP-10
4 ohm Speaker



IC-47 **IC-47A** (USA Version) **IC-47E** (European Version) 440MHz/FM Mobile

This slim line UHF FM transceiver puts every operating feature imaginable right at your fingertips! There are four scan modes, nine memories, 38 built-in subaudible tones (USA), LED readout, mic or dial tuning, plus an internal speaker, and optional voice synthesizer. Includes IC-HM23 DTMF mic.

- **9 Memories/Frequency, Offset, Tone**
- **Slim Line**
- **38 Built-in Subaudible Tones (USA)**
- **IC-HM23 DTMF Mic Included (USA)**
- **IC-HM15 1750Hz Tone Call (Europe)**

IC-47A: 440-450MHz; IC-47E: 430-440MHz
Australia: 430-440MHz
5kHz/25kHz steps; IC-47E: 12.5kHz/25kHz steps

13.8V DC $\pm 15\%$ (negative ground)
High (25W), Approx. 7.0A; Low (5W), Approx. 3.5A

5.5"(140mm)(W) x 1.5"(38mm)(H) x 8.9"(226mm)(D)
High 25W, Low 5W

± 5 kHz
FM
Less than $0.2\mu\text{V}$ for 12dB SINAD
Less than $0.4\mu\text{V}$ for 20dB noise quieting

More than 2W



IC-48 **IC-48A** (USA Version) **IC-48E** (European Version) 440MHz/FM Mobile

Here's the smoothest operating, compact UHF transceiver available today. It's designed for operator convenience, with push on/off control, large LCD readout including S/Power metering, and frequency or memory selection from the main dial or mic. Additional features include 21 memories, scanning, 38 built-in subaudible tones (USA), and memory lockout. IC-HM12 mic included.

- **21 Memories**
- **Large LCD Readout**
- **Scanning**
- **Compact Size**
- **1750Hz Tone Call (Europe)**

IC-48A: 440-450MHz
IC-48E: 430-440MHz
IC-48A: 5, 10, 15, 20 or 25kHz (programmable)
IC-48E: 12.5 or 25kHz
13.8V DC $\pm 15\%$ (negative ground) 7.5A

5.5"(137mm)(W) x 2.0"(50mm)(H) x 5.1"(127mm)(D)
High 25W; Low 5W

± 5 kHz
FM
Less than $0.18\mu\text{V}$ for 12dB SINAD

More than 2.4W

FEATURES

SPECIFICATIONS

Frequency Coverage

Frequency Resolution

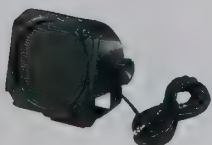
Power Supply Req. /
Current Drain
(Transmit Only)

Dimensions
Output Power

Max. Freq. Deviation
Emission Modes
Sensitivity

Audio Output

UHF ACCESSORIES



IC-SP4
Remote Speaker



SP-8
Slim Line External Speaker



IC-HM14
Scanning/Touchtone
Mic



PS-45
Power Supply



IC-490 IC-490A (USA Version) IC-490E (European Version) 440MHz Multimode Mobile

FEATURES

Appealing to mobile and OSCAR operators, the IC-490 UHF transceiver features four memories, scanning, priority channel, RIT, selectable AGC, noise blanker, LED readout with S/Power indicator, adjustable Tx offset, and variable output to 10 watts. A true gem!

- 4 Memories
- Scanning
- All Mode
- Priority Channel
- 1750 Tone Call Built-in (Europe)

SPECIFICATIONS

Frequency Coverage	IC-490A: 440-450MHz IC-490E: 430-440MHz
Frequency Resolution	SSB, 100Hz steps; FM 5kHz/25kHz steps, 1kHz steps with 1kHz steps button pressed
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 15% (negative ground) 3.5A max. SSB Approx. 3.2A, FM (10W/1W) Approx. 3.3A/1.5A
Dimensions	2.5"(170mm)(W) x 6.7"(64mm)(H) x 8.6"(218mm)(D)
Output Power	SSB High 10W (PEP), Low 1W (PEP); CW High 10W, Low 1W; FM High 10W, Low 1W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	SSB (USB/LSB), CW, FM
Sensitivity	SSB, CW: Less than 0.5 μ V for 10dB S+N/N; FM: More than 30dB S+N/D/N+D at 1 μ V Less than 0.2 μ V for 12dB SINAD
Audio Output	More than 2W



IC-RP3010 440MHz FM Repeater

Owning your own repeater has never been more attractive, and ICOM's commercial grade repeater gives superb performance in any environment. It features microprocessor control, it's easily adapted to user requirements, it includes a steel frame, and it's rugged! Crystal controlled, 10 watts output, with CTCSS/DTMF/CW ID'er. Become a UHF superstar today!

430-450MHz
117V/240V AC or 13.8V DC
20"(520mm)(W) x 20"(520mm)(H) x 15 $\frac{3}{4}$ "(400mm)(D)
10W
\pm 5kHz
FM
Less than 0.3 μ V for 12dB SINAD

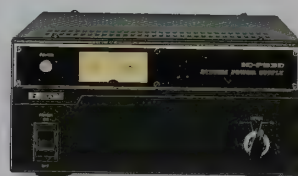
UHF ACCESSORIES



SM-8
Desk Mic



PS-45
Power Supply



IC-PS30
System Power Supply



HS-10 Headset
HS-10SA VOX Unit
HS-10SB PTT Switchbox



The most advanced and full featured 440MHz handheld.

- 10 Memories, Frequency, Offset, Tone
- DTMF (IC-04AT)
- LCD Readout
- 3 Watts
- Scanning
- 38 Built-in Tones (USA)
- IC-BP3, AC Wall Charger, Belt Clip, Wrist Strap, Ear Plug, Standard
- 1750Hz Tone Call (Europe)

IC-04 IC-04AT (USA Version) IC-04E (European Version) 440MHz/FM Handheld

IC-04AT: 440.000-449.995MHz
IC-04E: 430.000-439.995MHz
IC-04AT: 5kHz, 10kHz, 15kHz, 20kHz, 25kHz
IC-04E: 12.5kHz, 25kHz
13.8V DC or attendant batteries
High (3.0W) Approx. 1.2A, Low (0.5W) Approx. 550mA

2.6"(65mm)(W) x 4.6"(116mm)(H) x 1.4"(35mm)(D)
without battery pack
High 3.0W (at 8.4V DC); 5.0W (at 13.2V DC);
Low 0.5W (at 8.4V DC)
± 5kHz
FM
Less than 0.2μV for 12dB SINAD

More than 0.5W



The world's favorite 440MHz handheld.

- DTMF (IC-4AT)
- 1.5 Watts Output
- Variety of Accessories
- 1750Hz Tone Call Built-in (Europe)
- Fully Synthesized
- Excellent Audio
- IC-BP3, Flexible Antenna, AC Wall Charger, Belt Clip, Wrist Strap, Ear Plug, Standard

IC-4 IC-4AT (USA Version) IC-4E (European Version) 440MHz/FM Handheld

IC-4AT: 440.000-449.995MHz
IC-4E: 430.000-439.995MHz
5kHz steps

8.4V DC with attendant battery pack
6.0 to 10.8V DC negative ground is acceptable.
High (1.5W) Approx. 700mA, Low (0.5W) Approx. 300mA
1.4"(65mm)(W) x 4.6"(116mm)(H) x 1.4"(35mm)(D)

High 1.5W (at 8.4V); (2.5W optional)
Low 0.15W (at 8.4V)
± 5kHz
FM
Less than 0.2μV for 12dB SINAD
More than 26dB S+N+D/N+D at 1μV
More than 0.3W

FEATURES

SPECIFICATIONS

Frequency Coverage

Frequency Resolution

Power Supply Req. /
Current Drain
(Transmit Only)

Dimensions

Output Power

Max. Freq. Deviation
Emission Modes
Sensitivity

Audio Output

UHF ACCESSORIES



BC-35
Drop-in Charger



IC-CPI
Cigarette
Lighter Cable



MB-16D
Wall Storage
Unit



IC-HM9
Speaker-Mic



LC-14
Carrying Case



**IC-BP8
IC-BP4**
Battery
Packs



IC-1271 IC-1271A (USA Version) IC-1271E (European Version) 1.2GHz Transceiver

FEATURES

The revolutionary all-mode IC-1271 transceiver has everything for pioneering that 1.2GHz "ultra band"! There's exceptional receiver sensitivity, 32 memories, scanning, RIT, 38 built-in subaudible tones (USA), and an optional ATV adapter. It's also the perfect unit for completing an OSCAR setup.

- 32 Memories
- Scanning
- RIT
- Exceptional Receiver Sensitivity
- 1750Hz Tone Call (Europe)
- 38 Built-in Subaudible Tones (USA)

SPECIFICATIONS

Frequency Coverage	1240-1300MHz
Frequency Resolution	SSB, CW 100Hz; FM 25kHz, 1kHz step with TS switch
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 15% (negative ground) Approx. 7.5A
Dimensions	11.3"(288mm)(W) x 4.4"(111mm)(H) x 10.9"(276mm)(D)
Output Power	SSB 10W (PEP); CW, FM 10W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	SSB (USB/LSB), CW, FM
Sensitivity	SSB, CW: Less than $0.16\mu\text{V}$ for 10dB S+N/N FM: Less than $0.22\mu\text{V}$ for 12dB SINAD Less than $0.32\mu\text{V}$ for 20dB noise quieting
Audio Output	More than 2W at 10% distortion with 8 ohm load



IC-120 1.2GHz/FM Mobile

The world of 1.2GHz is beginning to flourish as never before, and ICOM's innovative "ultra band" FM mobile transceiver lets you join the action in high style. It features excellent Signal to Noise Ratio, dual VFOs with three tuning rates, six memories, scanning, programmable offsets, and programmable subaudible encoder (USA). 12 volt DC operation.

- 6 Memories
- Scanning
- LED Readout
- Programmable Offset
- 38 Built-in Subaudible Tones (USA)

Frequency Coverage	1260-1300MHz
Frequency Resolution	10kHz or 20kHz steps with 1MHz up/down; Europe: 25kHz/75kHz
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 15% (negative ground), 2.5A max.
Dimensions	5.5"(140mm)(W) x 2"(50mm)(H) x 8.1"(207mm)(D)
Output Power	1W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	FM
Sensitivity	Less than $0.5\mu\text{V}$ for 20dB noise quieting; Less than $0.3\mu\text{V}$ for 12dB SINAD.
Audio Output	More than 2W

1200MHz ACCESSORIES



TV-1200
ATV Unit

AG-1200
1200MHz
Preamp

PS-45
Power Supply

IC-SM6
Desk Mic

ML-12
FM Booster



IC-RP1210

1.2GHz/FM Repeater

Being the owner and operator of a repeater on a new era band is a once in a lifetime thrill, and ICOM's IC-RP1210 can make that dream a reality. It's PLL frequency controlled, has 198 channel capacity, is easily adapted to user requirements, and includes CTCSS/DTMF/CW ID'er. A durable, highly stable, microprocessor controlled gem!

- PLL Frequency Controlled
- High Stability
- CTCSS/DTMF/ID'ER

Rx: 1271.02-1272.98MHz;
Tx: 1291.02-1292.98MHz; Rx, Tx up 20MHz
10kHz

117V/240V AC or 13.8V DC

20.5"(520mm)(W) x 20.5"(520mm)(H) x 15 3/8"(400mm)(D)
10W +20%, -50%
± 5kHz
FM
Less than 0.5μV for 12dB SINAD



Enjoy pioneering with the only 1.2GHz handheld.

- 10 Memories, Frequency, Offset, Tone
- Only 1.2GHz Handheld
- Reliable
- 38 Built-in Subaudible Tones (USA)
- Interchangeable Accessories
- Direct Keyboard Entry
- High/Low Power Switch
- Low Battery Indicator
- LCD Readout
- Built-in 1750Hz Tone Call (Europe)

IC-12

IC-12AT (USA Version)
IC-12E (European Version)

1.2GHz/FM Handheld

IC-12A/AT: 1260.00-1299.99MHz;
IC-12E: 1260.00-1299.9875MHz;
IC-12A/AT: 10, 20, 30, 40 or 50kHz;
IC-12E: 12.5, 25, 37.5, 50 or 62.5kHz
13.8V DC or attendant battery pack.
Approx. 0.9A

2.6"(65mm)(W) x 6.7"(171mm)(H) x 1.4"(36mm)(D)
High 1W, Low 0.1W
± 5kHz
FM
Less than 0.32μV for 12dB SINAD

More than 0.5W

FEATURES

SPECIFICATIONS

Frequency Coverage

Frequency Resolution

Power Supply Req. /
Current Drain
(Transmit Only)

Dimensions
Output Power
Max. Freq. Deviation
Emission Modes
Sensitivity

Audio Output

1200MHz ACCESSORIES



HS-10
Headset

HS-10SB
PTT Switchbox

HS-10SA
VOX Unit



IC-37A

220MHz/FM Mobile

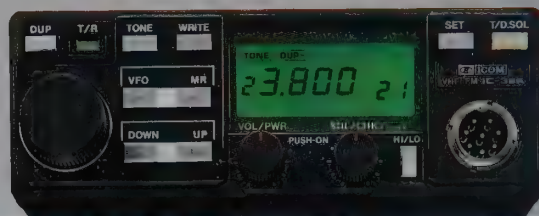
FEATURES

Get away from the crowds! The IC-37A 220MHz slim line mobile transceiver is feature packed. There's band or memory scanning, nine memories, 38 built-in subaudible tones (USA), reverse switch for offset checks, and an internal speaker. Includes IC-HM23 DTMF mic.

- 9 Memories/Frequency, Tone, Offset
- Scanning
- Slim Line
- Easy to Operate
- Optional Speech Synthesizer

SPECIFICATIONS

Frequency Coverage	220-225MHz
Frequency Resolution	5kHz / 10kHz steps
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 15% (negative ground), 7A Max. High (25W), Approx. 5.0A
Dimensions	5.5"(140mm)(W) x 1.5"(38mm)(H) x 7.0"(177mm)(D)
Output Power	High 25W, Low 5W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	FM
Sensitivity	Less than 0.2 μ V for 12dB SINAD
Audio Output	More than 2W



IC-38A

220MHz/FM Mobile

ICOM's new compact and easy-to-use 220MHz mobile unit is especially designed for operator convenience. Features large LCD readout, push on/off control and band/memory tuning from the included IC-HM12 mic or main dial. There's also 21 memories, scanning, memory lockout and more!

- 21 Memories
- Compact Size
- Easy to Operate
- IC-HM12 Mic Included
- 38 Built-in Subaudible Tones
- Memory Lockout

Rx: 215-230MHz
Tx: 220-225MHz

5, 10, 15, 20 or 25kHz (programmable)
13.8V DC \pm 15%
High 6.5A, Low 3.0A

5.5"(140mm)(W) x 2.0"(50mm)(H) x 6.7"(171mm)(D)

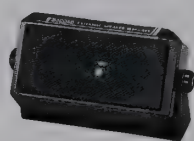
High 25W; Low 5W
 \pm 5kHz
FM
Less than 0.18 μ V for 12dB SINAD

More than 2.4W

220MHz ACCESSORIES



SP-8
Slim Line
External
Speaker



SP-10
4 ohm Speaker



PS-45
Power Supply



HS-15
Mobile Mic

HS-15SB
PTT Switchbox



The world's favorite 220MHz handheld.

- DTMF
- 1.5 Watts Output
- Interchangeable Accessories
- Compact
- Fully Synthesized
- Excellent Audio
- Durable
- IC-BP3, Flexible Antenna, AC Wall Charger, Belt Clip, Wrist Strap, Ear Plug, Standard

IC-3AT

220MHz/FM Handheld

220.000-224.990MHz

10 kHz steps, 500 channels

8.4V DC with attendant battery pack, 6.0 to 10.8V DC negative ground is acceptable High (1.5W) Approx. 550mA, squelched Approx. 20mA

2.7"(65mm)(W) x 4.6"(116.5mm)(H) x 1.4"(35mm)(D) without battery pack

High 1.5W (at 8.4V), Low 0.15W (at 8.4V), (2.5W optional) $\pm 5\text{kHz}$

FM

Less than $0.2\mu\text{V}$ for 12dB SINAD

More than 26dB S+N+D/N+D at $1\mu\text{V}$

More than 0.3W



The most advanced and full featured 220MHz handheld.

- 10 Memories, Frequency, Offset, Tone
- Scanning
- DTMF Direct Keyboard Entry
- LCD Readout
- 3 Watts Standard, 5 Watts Opt.
- 38 Built-in Subaudible Tones (USA)
- Variety of Accessories
- IC-BP3 AC Wall Charger, Belt Clip, Wrist Strap, Ear Plug Standard

IC-03AT

220MHz/FM Handheld

220-224.995MHz

5kHz, 10kHz, 15kHz, 20kHz, 25kHz

13.8V DC $\pm 15\%$

High 1.2A, Low 0.5A

2.5"(64mm)(W) x 6.3"(160mm)(H) x 1.4"(35mm)(D)

High 2.5W; Low 0.5W (5W optional)

$\pm 5\text{kHz}$

FM

FM: Less than $0.25\mu\text{V}$ (12dB μ) for 12dB SINAD

More than 0.5W

FEATURES

SPECIFICATIONS

Frequency Coverage

Frequency Resolution

Power Supply Req. /
Current Drain
(Transmit Only)

Dimensions

Output Power

Max. Freq. Deviation

Emission Modes

Sensitivity

Audio Output

220MHz ACCESSORIES



PS-45
Power Supply



HS-10
Headset

HS-10SB
PTT Switchbox

See Handheld
Accessories
List on Page 21



IC-551D

6 Meter/SSB/CW Transceiver

FEATURES

Experience the most impressive and full featured 6-meter transceiver today: ICOM's IC-551D! Truly a professional unit, it includes dual VFOs with built-in microprocessor for frequency control and scanning, three memories, two tuning rates, variable scan rate, and dial lock switch. 12 volt DC operation. FM optional.

- 3 Memories
- Dual VFO's
- Built-in Microprocessor for Frequency Control & Scanner
- Scanning

SPECIFICATIONS

Frequency Coverage	50.000-53.999.9MHz
Frequency Resolution	100Hz Step, 1kHz TS
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 15% (negative ground) 18A max. at 200W input
Dimensions	9.5"(241mm)(W) x 4.4"(111mm)(H) x 10"(264mm)(D)
Output Power	SSB, 80W PEP; CW 80W; AM 40W; FM* 80W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	SSB (USB/LSB), CW, FM*, AM
Sensitivity	SSB, CW, AM: Less than 0.5 μ V for 10dB S+N/N FM Option: More than 30dB S+N+D/N+D at 1 μ V; Less than 0.3 μ V for 12dB, SINAD
Audio Output	More than 2W

* Requires optional IC-EX106 FM Unit for operating FM mode.



IC-505

6 Meter/SSB/CW Transceiver

A rugged, versatile, go anywhere/do anything 6-meter transceiver. Use it portable with its own internal dry cell batteries and pull up antenna or use it fixed/mobile with an external antenna and power source. Either way, you enjoy 10 watts high, three watts low power, six memories, scanning, dual VFO's and LCD readout. FM unit optional.

- 6 Memories
- Scanning
- Portable with 10W Output Power
- External 12V Power Operation
- IC-HM7 Mic Included

Frequency Coverage	50-54MHz
Frequency Resolution	SSB, CW 100Hz; FM 1kHz, or 10kHz with TS switch
Power Supply Req. / Current Drain (Transmit Only)	13.8V DC \pm 20% (negative ground) 2.9A Max. 2.9A at 10W output, 0.9A at 3W output
Dimensions	9.1"(230mm)(W) x 3.0"(76mm)(H) x 7.4"(188.5mm)(D)
Output Power	Power Amp On: 10W, Power Amp Off: 3W
Max. Freq. Deviation	\pm 5kHz
Emission Modes	SSB (USB/LSB), CW, FM, (option)
Sensitivity	SSB, CW: Less than 0.5 μ V for 10dB S+N/N FM (Option): Less than 0.3 μ V for 12dB SINAD
Audio Output	More than 1.5W

6 METER ACCESSORIES



IC-EX106
FM Unit

SM-8
Desk Mic

IC-PS30
Power Supply



BC-16U, BC-16E, BC-17 Wall Charger – IC-BP7 and IC-BP8 battery packs
BC-25U, BC-25E, BC-26E, BC-27 Wall Charger – IC-BP3 battery pack
BC-35 Drop-in Desk Charger – all battery packs

IC-BP2 425mAh at 7.2V NiCd Pack – all handhelds except IC- μ 2 series
IC-BP3 250mAh at 8.4V NiCd Pack – all handhelds except IC- μ 2 series

IC-BP4 Alkaline Battery Case – all handhelds except IC- μ 2 series
IC-BP5 425mAh at 10.8V NiCd Pack – all handhelds except IC- μ 2 series

IC-BP7 425mAh at 13.2V NiCd Pack – IC-02A/02AT/02E/03AT/04AT/04E only

IC-BP8 800mAh at 8.4V NiCd Pack – all handhelds except IC- μ 2 series

CA3 Flexible Antenna – IC-3AT
CA5 $\frac{1}{2}$ Wave Telescoping Antenna – IC-2A/2AT/2E/02AT/02E

CA6 140MHz $\frac{1}{2}$ Wave Telescoping Antenna
CA7 220MHz $\frac{1}{2}$ Wave Telescoping Antenna

IC-CP1 Cigarette Lighter Plug and Cord – IC-2AT/2E with IC-DC1 or IC-02AT/2E/03AT/04AT/04E

CP-10 Battery Separator Cable – all handhelds except IC- μ 2 series

IC-DC1 DC Operation Pack – all ICOM handhelds except IC- μ 2 series

IC-EX390 Bottom Slide Cap – all handhelds except IC- μ 2E series

FA2 Flexible Antenna – IC-2A/2AT/2E/02AT/02E

FA3 Flexible Antenna – IC-4AT/4E/04AT/04E

HS-10 Headset for ICOM handhelds, mobiles and base stations

HS-10SA VOX Unit for handheld use w/HS10 – IC-02A/02AT/02E/03AT/04AT/04E only

HS-10SB PTT Switchbox for Handheld use w/HS10 – all handhelds

LC-2AT Leather Carrying Case – IC-2A/2AT/2E with IC-BP3 battery pack

LC-02AT Leather Carrying Case – IC-02A/02AT/02E/03AT/04AT/04E with IC-BP7 and IC-BP8 battery packs

LC5 Carrying Case/Protective Case – IC-2A/2AT/2E/3AT/4AT/4E with IC-BP5 battery pack

LC-7 Carrying Case – IC-2A/2AT/2E/3AT/4AT/4E

LC-11 Carrying Case – IC-02A/02AT/02E/03AT/04AT/04E with IC-BP3

battery pack

LC-12 Carrying Case – IC-02A/02AT/02E/03AT/04AT/04E with IC-BP5 battery pack

LC-14 Carrying Case – IC-02A/02AT/02E/03AT/04AT/04E with IC-BP7 and IC-BP8 battery packs

MB-16D Stainless Steel Wall Storage Unit – all handhelds

Shoulder Strap Handheld Shoulder Strap

CA3, CA5, CA6 and CA7 are available only in the U.S.A. .

AD-10 Charging Adapter for BC-35 rapid charger

BP-20 Alkaline Battery Case

BP-21 120mAh at 7.2V NiCd Battery Pack

BP-22 270mAh at 8.4V NiCd Battery Pack

BP-23 600mAh at 8.4V Long Life NiCd Battery Pack

BP-24 600mAh at 10.8V High Power NiCd Battery Pack

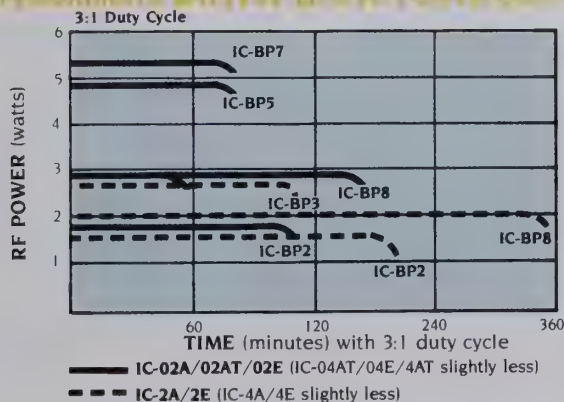
BC-50 Drop-in rapid charger

DC-25 DC to DC Converter

MB-20 Belt Clip



APPROXIMATE BATTERY LIFE IN POWER OUTPUT



ICOM ACCESSORIES

	Power Supply			Antenna Tuner	Linear Amplifier	Speaker	Mic	Headset	FM Unit	Vox Unit	Computer Interface	Voice Synthesizer
	Internal	External	Battery Pack									
IC-751A	IC-PS35	IC-PS15 IC-PS30		IC-AT100 IC-AT500 (AH-2)	IC-2KL	IC-SP3	SM-8 SM-10	HS-15 (HS-15SB)			IC-EX309	IC-EX310
IC-745	IC-PS35	IC-PS15 IC-PS30		IC-AT100 IC-AT500 (AH-2)	IC-2KL	IC-SP3 SP-7	SM-8 SM-10	HS-15 (HS-15SB)	IC-EX242		IC-EX309	
IC-735		PS-55 IC-PS15 IC-PS30		AH-2 AT-150 IC-AT100 IC-AT500	IC-2KL	SP-7	SM-8 SM-10	HS-15 (HS-15SB)			Built-in	
IC-R71A/E/D						IC-SP3			IC-EX257		IC-EX309	IC-EX310
IC-R7000						IC-SP3					Built-in	IC-EX310
IC-275A/E/H		PS-55				IC-SP4 SP-7	SM-8 SM-10	HS-15 (HS-15SB)				UT-36
IC-271A/E	IC-PS25	IC-PS15 IC-PS30				IC-SP3 IC-SP4	SM-8 SM-10	HS-15 (HS-15SB)			IC-EX309	IC-EX310
IC-271H	IC-PS35	IC-PS15 IC-PS30				IC-SP3 IC-SP4	SM-8 SM-10	HS-15 (HS-15SB)			IC-EX309	IC-EX310
IC-27A/E/H		PS-45				SP-8 SP-10	IC-HM14	HS-15 (HS-15SB)				UT-16
IC-28A/E/H		PS-45 IC-PS30				SP-8 SP-10	IC-HM14	HS-15 (HS-15SB)				
IC-290H/D		PS-45				SP-8 SP-10						
IC-3200A/E		PS-45				SP-8 SP-10	IC-HM16	HS-15 (HS-15SB)				UT-23
IC-μ2A/AT/E			BP-20 BP-21 BP-22 BP-23 BP-24				IC-HM9	HS-10 (HS-10SB)				
IC-02A/AT/E			IC-BP2 IC-BP5 IC-BP3 IC-BP7 IC-BP4 IC-BP8				IC-HM9	HS-10 (HS-10SB)		HS-10SA		
IC-2A/AT/E			IC-BP3 IC-BP5 IC-BP4 IC-BP8				IC-HM9	HS-10 (HS-10SB)				
IC-475A/E/H		PS-55				SP-8 SP-10	SM-8 SM-10	HS-15 (HS-15SB)				UT-36
IC-471A/E	IC-PS25	IC-PS15 IC-PS30				IC-SP3 IC-SP4	SM-8 SM-10	HS-15 (HS-15SB)			IC-EX309	IC-EX310
IC-471H	IC-PS35	IC-PS15 IC-PS30				IC-SP3 IC-SP4	SM-8 SM-10	HS-15 (HS-15SB)			IC-EX309	IC-EX310
IC-47A/E						SP-8 SP-10		HS-15 (HS-15SB)		HS-15SA		UT-16
IC-48A/E		PS-45				SP-8 SP-10	IC-HM14 IC-HM16	HS-15 (HS-15SB)		HS-15SA		
IC-490A/E		PS-45 IC-PS30				SP-8 SP-10	SM-8 IC-HM16					
IC-04AT/E			IC-BP2 IC-BP5 IC-BP3 IC-BP7 IC-BP4 IC-BP8				IC-HM9	HS-10 (HS-10SB)		HS-10SA		
IC-4AT/E			IC-BP2 IC-BP5 IC-BP3 IC-BP8 IC-BP4				IC-HM9	HS-10 (HS-10SB)				
IC-1271A/E	IC-PS25	IC-PS15 IC-PS30				IC-SP3	IC-SM6 SM-8 SM-10	HS-15 (HS-15SB)			IC-EX309	IC-EX310
IC-120		PS-45				SP-8 SP-10	IC-HM14 IC-HM16	HS-15 (HS-15SB)				
IC-12AT/E			IC-BP2 IC-BP5 IC-BP3 IC-BP7 IC-BP4 IC-BP8				IC-HM9	HS-10 (HS-10SB)		HS-10SA		
IC-37A						SP-10		HS-15 (HS-15SB)				UT-16
IC-38A		PS-45				SP-8 SP-10	IC-HM14 IC-HM16	HS-15 (HS-15SB)				
IC-3AT			IC-BP2 IC-BP5 IC-BP3 IC-BP8 IC-BP4				IC-HM9	HS-10 (HS-10SB)				
IC-03AT			IC-BP2 IC-BP5 IC-BP3 IC-BP7 IC-BP4 IC-BP8				IC-HM9	HS-10 (HS-10SB)		HS-10SA		
IC-551D		IC-PS30				IC-SP3			IC-EX106			
IC-505		IC-PS30	IC-BP10				SM-8		IC-EX248			

One Unit	Digital Code Squelch Unit	Tone Encoder	Marker Unit	Electronic Keyer Unit	CW Filter		AM Filter	SSB Filter	Preampli- fier and Booster	Charger	ATV Adapter	Remote Controller
					9MHz	455KHz						
		UT-30			FL-63A	FL-52A FL-53A	FL-33	FL-70A				RC-10
			IC-EX241	IC-EX243	FL-54 FL-45	FL-53A FL-52A		FL-45A				
		UT-30		IC-EX243	FL-63A FL-32A							
												RC-11
											TV-R7000	RC-12
T-34					FL-83				IC-AG1 AG-25			
T-15		Standard							IC-AG1 AG-20			
T-15		Standard							IC-AG1 AG-25			
		Standard										
T-29	UT-28	Standard										
		Standard										
		Standard							ML-1	BC-25 IC-CP1 BC-50 BC-35 AD-10		
		Standard							ML-1	BC-16 IC-CP1 BC-25 BC-35		
									ML-1	BC-16 IC-CP1 BC-25 BC-35		
T-34		Standard			FL-83				AG-35			
T-15		Standard							IC-AG1			
T-15		Standard							AG-35			
		Standard										
T-29	UT-28	Standard										
									IC-AG1			
		Standard								BC-16 IC-CP1 BC-25 BC-35		
										BC-16 IC-CP1 BC-25 BC-35		
T-15		Installed							AG-1200		TV-1200	
		IC-EX270							ML-12			
		Installed								BC-16 IC-CP1 BC-25 BC-35		
		Standard										
T-29	UT-28	Standard										
										BC-16 IC-CP1 BC-25 BC-35		
		Installed								BC-16 IC-CP1 BC-25 BC-35		
										BC-15		

ICOM. The world at your fingertips.







Count on us!

Our 25 years of experience has made us the world's most famous manufacturer of amateur radio equipment.

When it comes to HF, VHF and UHF transceiver technology, Icom leads the pack.

Hams on every continent enjoy our top-notch quality and superior service.

Look through this catalog and visit your dealer's showroom. You'll see that you can count on us!



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All stated specifications are subject to change without notice or obligation.

Products included in this catalog are products that were a part of Icom's product line as of the date of this printing.



IC-781 HF ALL BAND TRANSCEIVER

FEATURES

- 5" CRT DISPLAY
- DUAL WATCH
- SPECTRUM SCOPE
- TWIN PASSBAND TUNING
- GENERAL COVERAGE RECEIVER
- 150W OUTPUT
- BUILT-IN ANTENNA TUNER
- 105dB DYNAMIC RANGE
- 99 MEMORY CHANNELS
- BUILT-IN POWER SUPPLY
- DIRECT DIGITAL SYNTHESIZER (DDS)
- BAND STACKING REGISTER
- FULL DUTY CYCLE RATED
- BUILT-IN ELECTRONIC KEYS
- CW SEMI/FULL BREAK-IN
- ADJUSTABLE NOISE BLANKER
- ADJUSTABLE AUTOMATIC GAIN CONTROL (AGC)
- WIDE/NARROW SSB AND CW FILTERS
- VARIABLE AUDIO PEAK FILTER (APF)
- ADJUSTABLE NOTCH FILTER
- SEPARATE RIT/ΔTX FOR VFO A AND B FREQUENCIES
- BUILT-IN CLOCKS AND TIMERS
- 10dB, 20dB AND 30dB RF ATTENUATORS
- VOICE SYNTHESIZER (optional)
- CRT VIDEO OUTPUT AND ASCII INPUT
- BUILT-IN 10dB GAIN PREAMPLIFIER
- PROGRAMMED, ΔF, FINE, MEMORY AND SELECTED MEMORY CHANNEL SCANS
- CW PITCH CONTROL
- 100% DUTY CYCLE RATED

A total communications system masterpiece!

Experience an exciting new dimension of excellence in top-of-the-line HF transceiver performance! The futuristic IC-781 includes a multi-function CRT display, spectrum scope, dual watch, wide and narrow SSB and CW filters, 99 tunable memories, fully adjustable noise blanker, iambic keyer, semi/full QSK, fully adjustable AGC, 10Hz readout, all mode operation, and much more. It's DX'ing dynamite!

SPECIFICATIONS

• **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4000 ~ 4.1000MHz, 6.9000 ~ 7.5000MHz, 9.9000 ~ 10.5000MHz, 13.9000 ~ 14.5000MHz, 17.9000 ~ 18.5000MHz, 20.9000 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9000 ~ 30.0000MHz • **Tuning step increment:** 10Hz, 50Hz or 1kHz • **Power supply requirement:** 100 ~ 120V or 200 ~ 240V AC • **Power consumption:** Max. 760VA • **Dimensions:** 425mm (16.7") (W) × 149mm (5.9") (H) × 411mm (16.2") (D) • **Output power:** 15 ~ 150W (SSB, CW, RTTY, FM), 8 ~ 75W (AM) • **Max. frequency deviation:** ±5kHz • **Modes:** SSB (A3J), CW (A1), RTTY (F1), FM (F3), AM (A3) • **Sensitivity (Preamp ON):** SSB, CW, RTTY (for 10dB S/N): 0.1 ~ 0.5MHz/less than 0.5μV, 0.5 ~ 1.8MHz/less than 1.0μV, 1.8 ~ 30.0MHz/less than 0.16μV. AM (for 10dB S/N): 0.1 ~ 0.5MHz/less than 3.2μV, 0.5 ~ 1.8MHz/less than 6.3μV, 1.8 ~ 30.0MHz/less than 1.0μV. FM (for 12dB SINAD): 28.0 ~ 30.0MHz/less than 0.23μV • **Audio output power:** More than 2.6W at 10% distortion with an 8Ω load

OPTIONS



IC-2KL
500W LINEAR
AMPLIFIER



IC-AT500
500W AUTOMATIC
ANTENNA TUNER



IC-761 HF ALL BAND TRANSCEIVER

FEATURES

- GENERAL COVERAGE RECEIVER
- BUILT-IN AUTOMATIC ANTENNA TUNER
- 100W OUTPUT
- PASSBAND TUNING AND IF SHIFT
- KEYBOARD FREQUENCY ENTRY
- 32 MEMORY CHANNELS
- BUILT-IN POWER SUPPLY
- FULL DUTY CYCLE RATED
- 105dB DYNAMIC RANGE
- ADJUSTABLE NOISE BLANKER
- BUILT-IN ELECTRONIC KEYS
- CW SEMI/FULL BREAK-IN
- 20dB RF ATTENUATOR
- BUILT-IN PREAMPLIFIER
- RIT/ΔTX CONTROLS
- PROGRAMMED, MEMORY AND MODE SCANS
- ADJUSTABLE NOTCH FILTER
- VOICE SYNTHESIZER (optional)

DX-explorer.

The incomparable performance DX'ing leader in full-sized HF transceivers! This technological masterpiece includes panel selectable wide/narrow SSB and CW filters, passband tuning and IF shift, a high-speed automatic antenna tuner, iambic keyer, semi or full QSK, keyboard frequency entry, and an adjustable noise blanker. The 105dB dynamic range receiver is complemented by a 100W transmitter that operates smoothly in all modes.

SPECIFICATIONS

• **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4500 ~ 4.1000MHz, 6.9500 ~ 7.5000MHz, 9.9500 ~ 10.5000MHz, 13.9500 ~ 14.5000MHz, 17.9500 ~ 18.5000MHz, 20.9500 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9500 ~ 30.0000MHz • **Tuning step increment:** 10Hz, 50Hz or 1kHz • **Power supply requirement:** 100 ~ 120V or 200 ~ 240V AC • **Power consumption:** Max. 650VA • **Dimensions:** 424mm (16.7") (W) × 150mm (5.9") (H) × 390mm (15.4") (D) • **Output power:** 10 ~ 100W (SSB, CW, RTTY, FM), 10 ~ 40W (AM) • **Max. frequency deviation:** ±5kHz • **Modes:** SSB (A3J), CW (A1), RTTY (F1), FM (F3), AM (A3) • **Sensitivity (Preamp ON):** SSB, CW, RTTY (for 10dB S/N): 0.1 ~ 0.5MHz/less than 0.5μV, 0.5 ~ 1.6MHz/less than 1.0μV, 1.6 ~ 30.0MHz/less than 0.15μV. AM (for 10dB S/N): 0.1 ~ 0.5MHz/less than 3.0μV, 0.5 ~ 1.6MHz/less than 6.0μV, 1.6 ~ 30.0MHz/less than 1.0μV. FM (for 12dB SINAD): 28.0 ~ 30.0MHz/less than 0.3μV • **Audio output power:** More than 2.6W at 10% distortion with an 8Ω load

OPTIONS



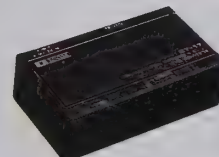
SP-20
EXTERNAL SPEAKER
WITH AUDIO FILTERS



SM-10
COMPRESSOR/GRAPHIC EQUALIZER
DESK TOP MICROPHONE



SM-8
DESK MICROPHONE



CT-17
CI-V LEVEL
CONVERTER



HP-2
COMMUNICATION
HEADPHONES

Ask your dealer for a detailed brochure. 5



IC-735 HF ALL BAND TRANSCEIVER

FEATURES

- GENERAL COVERAGE RECEIVER
- COMPACT AND LIGHTWEIGHT
- 12 MEMORY CHANNELS
- 100W OUTPUT
- EXTRA-LARGE LCD READOUT
- 105dB DYNAMIC RANGE
- RECEIVER INCREMENTAL TUNING (RIT)
- PROGRAMMED AND MEMORY SCANS
- BUILT-IN ATTENUATOR AND PREAMPLIFIER
- PASSBAND TUNING
- ADJUSTABLE NOTCH FILTER
- AUTOMATIC GAIN CONTROL (AGC)
- NOISE BLANKER
- HM-12 MICROPHONE INCLUDED
- CW SEMI/FULL BREAK-IN
- CW NARROW FILTER (optional)
- ELECTRONIC KEYS (optional)

Icom's compact advantage.

The IC-735 is today's most versatile compact transceiver! Ideal for fixed, mobile, or portable operation! The IC-735 features 105dB dynamic range, adjustable noise blanker, tunable IF notch, and 100W output with 100% duty cycle. The IC-735's unique design includes a hatch cover to protect less frequently used controls.

SPECIFICATIONS

- **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4000 ~ 4.1000MHz, 6.9000 ~ 7.5000MHz, 9.9000 ~ 10.5000MHz, 13.9000 ~ 14.5000MHz, 17.9000 ~ 18.5000MHz, 20.9000 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9000 ~ 30.0000MHz
- **Tuning step increment:** 10Hz, 1kHz or 1MHz
- **Power supply requirement:** 13.8V DC \pm 15% negative ground
- **Current drain:** Max. 20A
- **Dimensions:** 241mm (9.5") (W) \times 94mm (3.7") (H) \times 239mm (9.4") (D)
- **Output power:** 10 ~ 100W (SSB, CW, FM), 10 ~ 40W (AM)
- **Max. frequency deviation:** \pm 5kHz
- **Modes:** SSB (A3J), CW (A1), FM (F3), AM (A3)
- **Sensitivity (Preamp ON):** SSB, CW (for 10dB S/N): 0.1 ~ 1.6MHz/less than 1.0 μ V, 1.6 ~ 30.0MHz/less than 0.15 μ V. AM (for 10dB S/N): 0.1 ~ 1.6MHz/less than 6.0 μ V, 1.6 ~ 30.0MHz/less than 1.0 μ V. FM (for 12dB SINAD): 1.6 ~ 30.0MHz/less than 0.5 μ V
- **Audio output power:** More than 3W at 10% distortion with an 8 Ω load

OPTIONS



AT-150
100W AUTOMATIC
ANTENNA TUNER



PS-55
AC POWER SUPPLY
(13.8V DC, 20A)



AH-2
HF AUTOMATIC
ANTENNA TUNER



SP-7
EXTERNAL SPEAKER



IC-751A HF ALL BAND TRANSCEIVER

FEATURES

- GENERAL COVERAGE RECEIVER
- 32 MEMORY CHANNELS
- 105dB DYNAMIC RANGE
- 100W OUTPUT
- 100% DUTY CYCLE RATED
- BUILT-IN ELECTRONIC KEYS
- CW SEMI/FULL BREAK-IN
- 500Hz CW FILTER INCLUDED
- ADJUSTABLE NOISE BLANKER
- PASSBAND TUNING
- ADJUSTABLE NOTCH FILTER
- HM-36 MICROPHONE INCLUDED
- PROGRAMMED, MEMORY AND MODE SCANS
- BUILT-IN ATTENUATOR AND PREAMPLIFIER

Reach out to your friends.

Experience top performance with amateur radio's most exciting HF transceiver! The all-mode IC-751A includes 105dB dynamic range, 32 frequency/mode memories, 100W output with 100% duty cycle, and an HM-36 mic. CW operators will love its built-in 500Hz/-6dB narrow filter, electronic keyer, and QSK.

SPECIFICATIONS

• **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4500 ~ 4.1000MHz, 6.9500 ~ 7.5000MHz, 9.9500 ~ 10.5000MHz, 13.9500 ~ 14.5000MHz, 17.9500 ~ 18.5000MHz, 20.9500 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9500 ~ 30.0000MHz • **Tuning step increment:** 10Hz, 50Hz or 1kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** Max. 20A • **Dimensions:** 306mm (12.0") (W) \times 115mm (4.5") (H) \times 355mm (14.0") (D) • **Output power:** 10 ~ 100W (SSB, CW, RTTY, FM), 10 ~ 40W (AM) • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), RTTY (F1), FM (F3), AM (A3) • **Sensitivity (Preamp ON):** SSB, CW, RTTY (for 10dB S/N): 0.1 ~ 0.5MHz/less than 0.5 μ V, 0.5 ~ 1.6MHz/less than 1.0 μ V, 1.6 ~ 30.0MHz/less than 0.15 μ V. AM (for 10dB S/N): 0.1 ~ 0.5MHz/less than 3.0 μ V, 0.5 ~ 1.6MHz/less than 6.0 μ V, 1.6 ~ 30.0MHz/less than 1.0 μ V. FM (for 12dB SINAD): 28.0 ~ 30.0MHz/less than 0.3 μ V • **Audio output power:** More than 2.6W at 10% distortion with an 8 Ω load

OPTIONS



IC-AT500
500W AUTOMATIC
ANTENNA TUNER



IC-PS15
AC POWER SUPPLY
(13.8V DC, 20A)



IC-SP3
EXTERNAL SPEAKER



SM-10
COMPRESSOR/GRAPHIC EQUALIZER
DESK TOP MICROPHONE
Ask your dealer for a detailed brochure. 7



IC-575 IC-575A (10W version) IC-575H (100W version)

28/50MHz ALL MODE TRANSCEIVER

Twice as nice with dual band capability.

Sunspot Cycle 22 activity is booming, and this deluxe all-mode dual bander is loaded for top notch action! The ultra-compact IC-575A/H includes passband tuning, adjustable IF notch, a speech compressor, noise blanker, and backlight LCD readout. In addition, the IC-575A is equipped with a built-in AC power supply. A superb, easy-to-operate, all-in-one cabinet station you can install anywhere!

FEATURES

- 100W OUTPUT (IC-575H)
- RECEIVER COVERAGE: 26~56MHz
- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- BUILT-IN AC POWER SUPPLY (IC-575A)
- PASSBAND TUNING
- USB, LSB, FM, AM, CW
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- BUILT-IN PREAMPLIFIER
- ALL MODE SQUELCH
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** Rx: 26.0000 ~ 56.0000MHz, Tx: 28.0000 ~ 29.7000MHz, 50.0000 ~ 54.0000MHz • **Tuning step increment:** 10Hz or 1kHz (SSB, CW, AM), 1kHz or 5kHz (FM) • **Power supply requirement:** 13.8V DC \pm 15% negative ground (IC-575A: power supply built-in) • **Current drain:** IC-575A: max. 5.2A, IC-575H: max. 20A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** IC-575A: 1 ~ 10W (SSB, CW, FM), 1 ~ 4W (AM), IC-575H: 10 ~ 100W (SSB, CW, FM), 10 ~ 25W (AM) • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), FM (F3), AM (A3) • **Sensitivity:** SSB, CW/less than 0.13 μ V for 10dB S/N, FM/less than 0.25 μ V for 12dB SINAD, AM/less than 1.0 μ V for 10dB S/N • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



SM-10
COMPRESSOR/GRAPHIC
EQUALIZER DESK TOP MICROPHONE



SM-8
DESK MICROPHONE



PS-55
AC POWER SUPPLY
(13.8V DC, 20A)



IC-PS25
INTERNAL
POWER SUPPLY UNIT
(13.8V DC, 8A)



IC-275 IC-275A (25W U.S.A. version) IC-275E (25W Europe version) IC-275H (100W version)

144MHz ALL MODE TRANSCEIVER

The new era transceiver with advanced features.

A glamorous new compact 144MHz all mode transceiver that's jam packed with all the most wanted features. The transceiver boasts 25W (IC-275A/E) or 100W (IC-275H) output, 99 memories, scanning, only five seconds for full memory scanning, a call channel, Icom's exclusive DDS (Direct Digital Synthesizer) System, plus CI-V (Icom Communication Interface-V) for computer control. A great OSCAR unit!

FEATURES

- 100W OUTPUT (IC-275H)
- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- USB, LSB, CW, FM
- BUILT-IN POWER SUPPLY (IC-275A/E)
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- PREAMPLIFIER (optional)
- ALL MODE SQUELCH
- PACKET COMPATIBLE
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx: 138.0000 ~ 174.0000MHz, *Tx: 140.1000 ~ 150.0000MHz, * (Europe version) 144.0000 ~ 146.0000MHz. *Specifications guaranteed 143.8000 ~ 148.2000MHz • **Tuning step increment:** 10Hz or 1kHz (SSB, CW), 1kHz or 5kHz (FM) • **Power supply requirement:** 13.8V DC \pm 15% negative ground (IC-275A/E: power supply built-in) • **Current drain:** IC-275A: max. 6.0A, IC-275H: max. 20A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** IC-275A/E: 2.5 ~ 25W, IC-275H: 10 ~ 100W • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.10 μ V for 10dB S/N, FM/less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load



IC-475

IC-475A (25W U.S.A. version)
IC-475E (25W Europe version)
IC-475H (75W version)

430MHz ALL MODE TRANSCEIVER

Superior transceiver for the 430MHz enthusiast.

Icom's fantastic 430MHz all mode transceiver brings advanced mobile, portable and fixed operations to the discriminating amateur and OSCAR operator. The transceiver features 75W (IC-475H) or 25W (IC-475A/E) output, 99 memories, four scan functions including super fast scanning of all 99 memories (just five seconds), a call channel, Icom's exclusive DDS (Direct Digital Synthesizer) System, and CI-V (Icom Communication Interface-V) System for computer control.

FEATURES

- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- USB, LSB, CW, FM
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- MEMORY SKIP FUNCTION
- AUTOMATIC GAIN CONTROL (AGC)
- PREAMPLIFIER (optional)
- ALL MODE SQUELCH
- PACKET COMPATIBLE
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 430.0000 ~ 450.0000MHz, (Europe version) 430.0000 ~ 440.0000MHz • **Tuning step increment:** 10Hz or 1kHz (SSB, CW), 1kHz or 5kHz (FM) • **Power supply requirement:** 13.8V DC \pm 15% negative ground (IC-475A/E: power supply built in) • **Current drain:** IC-475A/E: max. 7.5A, IC-475H: max. 20A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** IC-475A/E: 2.5 ~ 25W, IC-475H: 10 ~ 75W • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.10 μ V for 10dB S/N, FM/less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load



IC-1271

IC-1271A (U.S.A. version)
IC-1271E (Europe version)

1200MHz ALL MODE TRANSCEIVER

The perfect medium for 1200MHz pioneers.

This revolutionary 1200MHz all mode transceiver has everything for pioneering that 1.2GHz "ultra band"! The IC-1271A/E has exceptional receiver sensitivity, 32 memories, three convenient scan functions, RIT, 38 built-in subaudible tones (USA version), and capability for an optional ATV adapter. It's also the perfect transceiver for completing an OSCAR setup.

FEATURES

- 10W OUTPUT
- EXCELLENT FREQUENCY STABILITY
- USB, LSB, FM, CW, ATV (optional)
- 32 MEMORY CHANNELS
- PROGRAMMED, MEMORY AND MODE SCANS
- SPLIT FREQUENCY OPERATION
- NOISE BLANKER
- PREAMPLIFIER (optional)
- SUBAUDIBLE TONE ENCODER (IC-1271A)
- 1750Hz TONE CALL (IC-1271E)
- ADJUSTABLE AF TONE

SPECIFICATIONS

• **Frequency coverage:** 1240.0000 ~ 1300.0000MHz • **Tuning step increment:** 100Hz or 1kHz (SSB, CW), 1kHz or 25kHz (FM) • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** Max. 7.5A • **Dimensions:** 286mm (11.3") (W) \times 111mm (4.4") (H) \times 276mm (10.9") (D) • **Output power:** 1 ~ 10W • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.16 μ V for 10dB (S+N)/N, FM/less than 0.22 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

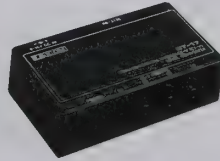
OPTIONS



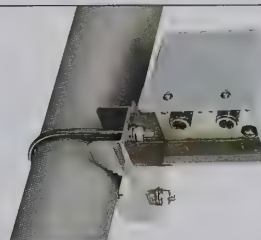
HP-2
COMMUNICATION
HEADPHONES



CT-16
SATELLITE
INTERFACE UNIT



CT-17
CI-V LEVEL
CONVERTER



AG-25 (144MHz)
AG-35 (430MHz)
AG-1200 (1200MHz)
WEATHER PROOF
PREAMPLIFIERS



TV-1200
ATV ADAPTER

Ask your dealer for a detailed brochure. 9



IC-900

IC-900A (U.S.A. version)
IC-900E (Europe version)

SUPER MULTI-BANDER SYSTEM

FEATURES

- OPTICAL FIBER INTERFACE CABLE
- LIGHT, COMPACT AND EASILY INSTALLED
- SIX-BAND FLEXIBILITY
- FULL DUPLEX CROSSBAND OPERATION
- 10 MEMORY CHANNELS PER BAND
- PROGRAMMED AND MEMORY SCANS
- ONE CALL CHANNEL PER BAND
- DUAL BAND LCD READOUT
- MICROPHONE AND SPEAKER INCLUDED AT NO EXTRA COST
- SUBAUDIBLE TONE ENCODER (U.S.A.)
- TONE AND DIGITAL CODE SQUELCH (optional)

System upgrading to a total of six bands.

Introducing a revolutionary new concept in customized FM mobiling to fit every lifestyle! The IC-900A/E consists of a thin multi-functional remote controller and speaker that can be installed in any convenient location, an underseat interface unit, a unique optical fiber interconnecting cable, and trunk-mounted interface. The IC-900A/E can perform operations using a total of six separate, attachable band units. 28, 50, 144, 220, 430 (440) and 1200MHz band units can be purchased separately. Customize and expand your mobile world by choosing your own band units. Deluxe versatility!

SPECIFICATIONS

• **Frequency coverage:** UX-19A/E: 28.00 ~ 30.00MHz. UX-59A: 50.00 ~ 54.00MHz, UX-29A/E/H: (U.S.A. version) Rx 138.00 ~ 174.00MHz, *Tx 140.10 ~ 150.00MHz, (*Europe version) 144.00 ~ 146.00MHz. (*Specifications guaranteed 144.00 ~ 148.00MHz) UX-39A: Rx 216.00 ~ 236.00MHz, *Tx 220.00 ~ 225.00MHz. (*Specifications guaranteed 220.00 ~ 225.00MHz.) UX-49A/E: (U.S.A. version) 440.00 ~ 450.00MHz. (Europe version) 430.00 ~ 440.00MHz. UX-129A/E: 1240.00 ~ 1300.00MHz • **Tuning step increment:** UX-19A/E, UX-59A, UX-29A, UX-29H (U.S.A. version), UX-39A, UX-49A: 5, 10, 15, 20 or 25kHz; UX-29E, UX-29H (Europe version), UX-49E, UX-129E: 12.5 or 25kHz; UX-129A: 10 or 20kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** Depends on each band unit • **Dimensions:** REMOTE CONTROLLER: 150mm (5.9") (W) \times 50mm (2.0") (H) \times 25mm (1.0") (D). INTERFACE UNIT A: 177mm (7.0") (W) \times 25mm (1.0") (H) \times 177mm (7.0") (D), INTERFACE UNIT B: 177mm (7.0") (W) \times 25mm (1.0") (H) \times 193mm (7.6") (D) • **Output power:** UX-19A/E: HIGH 10W, LOW 1W. UX-59A: HIGH 10W, LOW 1W. UX-29A/E: HIGH 25W, LOW 5W. UX-29H: HIGH 45W, LOW 5W. UX-39A: HIGH 25W, LOW 5W. UX-49A/E: HIGH 25W, LOW 5W. UX-129A/E: HIGH 10W, LOW 1W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM • **Sensitivity:** UX-19A/E, UX-59A, UX-129A/E: less than 0.13 μ V for 12dB SINAD. UX-29A/E/H, UX-32A, UX-49A/E: less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load

OPTIONS



UX-19A/E
28MHz
BAND UNIT

UX-59A
50MHz
BAND UNIT

UX-29A/E/H
144MHz
BAND UNIT

UX-39A
220MHz
BAND UNIT

UX-49A/E
430/440MHz
BAND UNIT

UX-129A/E
1200MHz
BAND UNIT



IC-3210

IC-3210A (U.S.A. version)
IC-3210E (Europe version)

DUAL BAND FM TRANSCEIVER

Icom's dual band mobile advantage.

This dual band FM mobile has everything, including full duplex operation for true telephone-style autopatching with modern crossband repeaters! Also receives weather band (USA version), stores full duplex conditions and subaudible tone frequencies (USA version) in any of its 20 memories. An optional pocket beep function alerts you when selected calls are received. Incomparable!

FEATURES

- FULL DUPLEX CROSSBAND OPERATION
- 20 DOUBLE-SPACED MEMORY CHANNELS
- BUILT-IN DUPLEXER
- TWO CALL CHANNELS
- FOUR PRIORITY WATCH FUNCTIONS
- PROGRAMMED, MEMORY AND SELECTED BAND MEMORY SCAN
- 1750Hz TONE CALL (Europe)
- VARIABLE LCD BACKLIGHT INTENSITY
- TONE SQUELCH AND POCKET BEEP FUNCTIONS (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) VHF: Rx 138.00 ~ 174.00MHz,* Tx 140.00 ~ 150.00MHz,* UHF: 440.00 ~ 450.00MHz, (Europe version) VHF: 144.00 ~ 146.00MHz, UHF: 430.00 ~ 440.00MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** IC-3210A: 5, 10, 15, 20 or 25kHz. IC-3210E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH: 7.6A, LOW: 3.6A • **Dimensions:** 140mm (5.5") (W) \times 50mm (2.0") (H) \times 180mm (7.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-3200

IC-3200A (U.S.A. version)
IC-3200E (Europe version)

144/430MHz DUAL BAND FM TRANSCEIVER

Easy-to-operate dual band mobile.

Icom's IC-3200A/E brings you superb dual band FM operation in a package no larger than a 2 meter unit, and it's loaded with innovative features: 10 memories, scanning, memory lock-out, 38 built-in subaudible tones (USA version), LCD readout, MARS/CAP operation (USA version), 25W output, and a built-in duplexer for using a dual band antenna.

FEATURES

- 25W OUTPUT
- 10 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TWO CALL CHANNELS
- BUILT-IN DUPLEXER
- LARGE LCD
- PRIORITY WATCH
- SELECTABLE TUNING STEPS
- VOICE SYNTHESIZER (optional)
- 1750Hz TONE CALL (Europe)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.00 ~ 150.00MHz,* 440.00 ~ 450.00MHz, (Europe version) 144.00 ~ 146.00MHz, 430.00 ~ 440.00MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** (U.S.A. version) VHF: 5 or 15kHz, UHF: 5 or 25kHz. (Europe version) VHF: 12.5 or 25kHz, UHF: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH 7.5A, LOW 3.5A • **Dimensions:** 140mm (5.5") (W) \times 50mm (2.0") (H) \times 207mm (8.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 1.7W at 10% distortion with an 8 Ω load

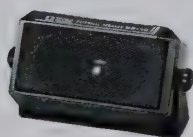
OPTIONS



SP-7
EXTERNAL
SPEAKER



SP-8
EXTERNAL
SPEAKER



SP-10
EXTERNAL
SPEAKER



HS-15
FLEXIBLE
MOBILE MICROPHONE



IC-SP4
MOBILE SPEAKER



PS-45
AC POWER SUPPLY
(13.8V DC, 8A)

Ask your dealer for a detailed brochure. 11



IC-27

IC-27A (25W U.S.A. version)
IC-27E (25W Europe version)
IC-27H (45W version)

144MHz FM TRANSCEIVER

Compact and full of features.

Experience a complete new world in 144MHz FM operating enjoyment with Icom's no compromise, ultra compact IC-27A/E/H. Its advanced features include nine memories, MARS/CAP operation (USA version), three scan functions, a priority function, 38 built-in subaudible tones (USA version), a reverse switch for offset checks, an internal speaker, and optional speech synthesizer capability. An HM-23 scanning DTMF mic (USA version) is included and output is available in 25W (IC-27A/E) or 45W (IC-27H).

FEATURES

- 45W OUTPUT (IC-27H)
- 9 MEMORY CHANNELS
- PRIORITY WATCH
- BUILT-IN SPEAKER
- MICROPHONE WITH DTMF ENCODER INCLUDED (U.S.A.)
- MICROPHONE WITH 1750Hz TONE CALL INCLUDED (Europe)
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- VFO AND MEMORY SCANS
- SELECTABLE TUNING STEPS
- PROGRAMMABLE OFFSET FREQUENCY
- VOICE SYNTHESIZER (optional)

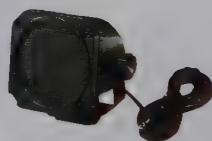
SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 149.995MHz,* (Europe version) 144.0000 ~ 145.9875MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz)
• **Tuning step increment:** U.S.A. version; 5 or 15kHz, Europe version: 12.5 or 25kHz
• **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** IC-27A/E: HIGH 6.0A, LOW 3.0A. IC-27H: HIGH 9.5A, LOW 3.5A • **Dimensions:** 140mm (5.5") (W) \times 38mm (1.5") (H) \times 177mm (7.0") (D). IC-27H: 226mm (8.9") (D)
• **Output power:** IC-27A/E: HIGH 25W, LOW 5W. IC-27H: HIGH 45W, LOW 5W
• **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



HS-15
FLEXIBLE
MOBILE MICROPHONE



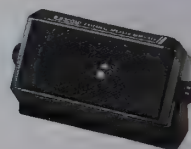
IC-SP4
MOBILE SPEAKER



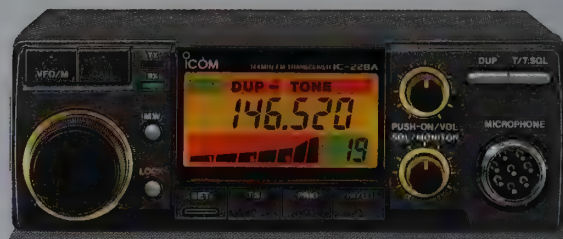
SP-7
EXTERNAL
SPEAKER



SP-8
EXTERNAL
SPEAKER



SP-10
EXTERNAL
SPEAKER



IC-228

IC-228A (25W U.S.A. version)
IC-228E (25W Europe version)
IC-228H (45W version)

144MHz FM TRANSCEIVER

Superb new 2-meter mobile.

The pacesetter of FM mobiles! This compact transceiver makes your auto a full communications center with public service and weather band reception (USA version), DTMF mic for autopatching (USA version), 20 memories that store offset frequencies and subaudible tones*, programmed and memory scan functions, memory skip function, priority watch function, and single switch access call channel of your favorite channel. An optional pocket beep function alerts you when selected calls are received.

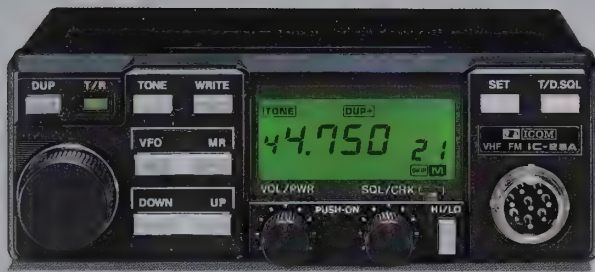
*subaudible tone: USA version only

FEATURES

- 45W OUTPUT (IC-228H)
- COMPACT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- MULTI-COLOR LCD
- CALL CHANNEL
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- THREE PRIORITY WATCH FUNCTIONS
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- MICROPHONE WITH DTMF ENCODER INCLUDED (U.S.A.)
- MICROPHONE WITH 1750Hz TONE CALL INCLUDED (Europe)
- SELECTABLE TUNING STEPS
- ADJUSTABLE LCD INTENSITY
- TONE SQUELCH AND POCKET BEEP (optional)
- PROGRAMMABLE OFFSET FREQUENCY
- LARGE HEATSINK

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx:138.00 ~ 174.00MHz,* Tx:140.00 ~ 150.00MHz,* (Europe version) 144.00 ~ 146.00MHz>(*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** U.S.A. version: 5, 10, 15, 20 or 25kHz, Europe version: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** IC-228A/E: HIGH 6.0A, LOW 3.0A. IC-228H: HIGH 9.5A, LOW 3.5A • **Dimensions:** 140mm (5.5") (W) \times 50mm (2.0") (H) \times 137mm (5.4") (D). IC-228H: 159mm (6.3") (D) • **Output power:** IC-228A/E: HIGH 25W, LOW 5W, IC-228H: HIGH 45W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-28

IC-28A (25W U.S.A. version)
IC-28E (25W Europe version)
IC-28H (45W version)

144MHz FM TRANSCEIVER

Quality and high-technology in your mobile.

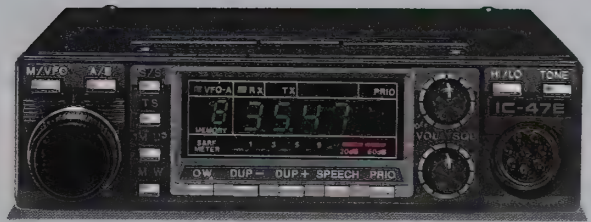
Take a close look at this easy-to-use, compact 144MHz FM transceiver. It's unique. The receiver's extended coverage (138~174MHz) includes NOAA weather copy, public services, MARS/CAP (USA version), and the full 2-meter band. The IC-28A/E/H has 21 memories, scanning, a large LCD readout, 38 built-in subaudible tones (USA version), and is suitable for packet radio. An HM-14 DTMF mic is also included (USA version).

FEATURES

- RECEIVER COVERAGE: 138~174MHz (U.S.A.)
- 45W OUTPUT (IC-28H)
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCANS
- LARGE LCD
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx:138.00 ~ 174.00MHz,* Tx:140.10 ~ 150.00MHz,* (Europe version) 144.00 ~ 146.00MHz (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** (U.S.A. version) 5, 10, 15, 20 or 25kHz; (Europe version) 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** IC-28A/E: HIGH 6.0A, LOW 3.0A. IC-28H: HIGH 9.5A, LOW 3.5A • **Dimensions:** 140mm (5.4") (W) \times 50mm (2.0") (H) \times 133mm (5.2") (D). IC-28H: 155mm (6.1") (D) • **Output power:** IC-28A/E: HIGH 25W, LOW 5W. IC-28H: HIGH 45W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-47

IC-47A (U.S.A. version)
IC-47E (Europe version)

430MHz FM TRANSCEIVER

Simple and excellent.

This slim-line 430/440MHz FM transceiver puts a multitude of convenient operating features right at your fingertips! There are three scan functions, a priority function, nine memories, 38 built-in subaudible tones (USA version), an LCD readout, mic or dial tuning, plus an internal speaker and optional voice synthesizer. Includes the HM-23 DTMF mic (USA version).

FEATURES

- 25W OUTPUT
- 9 MEMORY CHANNELS
- PRIORITY WATCH
- BUILT-IN SPEAKER
- MICROPHONE WITH DTMF ENCODER INCLUDED (U.S.A.)
- MICROPHONE WITH 1750Hz TONE CALL INCLUDED (Europe)
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- VFO AND MEMORY SCANS
- SELECTABLE TUNING STEPS
- PROGRAMMABLE OFFSET FREQUENCY
- VOICE SYNTHESIZER (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.000 ~ 439.995MHz • **Tuning step increment:** IC-47A: 5 or 15kHz, IC-47E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH 7.0A, LOW 3.5A • **Dimensions:** 140mm (5.4") (W) \times 38mm (1.5") (H) \times 226mm (8.9") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



PS-45
AC POWER SUPPLY
(13.8V DC, 8A)



IC-PS30
AC POWER SUPPLY
(13.8V DC, 25A)



HM-14
DTMF MICROPHONE



SM-8
DESK MICROPHONE



SM-10
COMPRESSOR/GRAPHIC EQUALIZER
DESKTOP MICROPHONE



IC-48 IC-48A (U.S.A. version)
IC-48E (Europe version)

UHF FM TRANSCEIVER

The leader of the UHF model pack.

Here's the smoothest operating, compact 430/440MHz transceiver available today. The IC-48A/E is designed for operator convenience with a push ON/OFF control, a large LCD readout including S/Power metering, and frequency of memory selection from the tuning control or mic. Additional features include 21 memories, scanning, 38 built-in subaudible tones (USA version), and a memory lock-out function. The HM-12 (IC-48A) or HM-15 (IC-48E) mic is included.

FEATURES

- 25W OUTPUT
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCANS
- LARGE LCD
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.00 ~ 450.00MHz, (Europe version) 430.00 ~ 440.00MHz • **Tuning step increment:** IC-48A: 5, 10, 15, 20 or 25kHz. IC-48E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** HIGH 7.5A, LOW 3.5A • **Dimensions:** 140mm (5.4") (W) \times 50mm (2.0") (H) \times 155mm (6.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** ± 5 kHz • **Mode:** FM • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-1200 IC-1200A (U.S.A. version)
IC-1200E (Europe version)

1200MHz FM TRANSCEIVER

Explore the world of 1.2GHz.

This feature-packed 1.2GHz transceiver is an FM enthusiast's dream rig. It's powerful and ready for action on today's "ultra band" with features such as 10W output, high sensitivity receive capability, a selectable AFC that tracks the frequency of the transmitting station, band and memory scanning with selectable lock-out, and a large LCD readout that includes an auto-dimming backlight. 12V DC operation. Includes up/down scanning mic.

FEATURES

- SENSITIVE GaAsFET RECEIVER
- 10W OUTPUT
- 21 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- AFC AND RIT
- SUBAUDIBLE TONE ENCODER (IC-1200A)
- TONE AND DIGITAL CODE SQUELCH (optional)
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- LARGE LCD READOUT

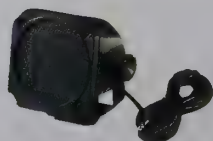
SPECIFICATIONS

• **Frequency coverage:** 1240.00 ~ 1300.00MHz • **Tuning step increment:** IC-1200A: 10 or 20kHz, IC-1200E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** HIGH 5.5A, LOW 2.5A • **Dimensions:** 140mm (5.4") (W) \times 40mm (1.6") (H) \times 196mm (7.7") (D) • **Output power:** HIGH 10W, LOW 1W • **Max. frequency deviation:** ± 5 kHz • **Mode:** FM • **Sensitivity:** Less than 0.22 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load

OPTIONS



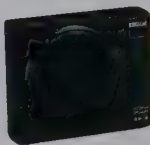
HM-14
DTMF MICROPHONE



IC-SP4
MOBILE MICROPHONE



SP-7
EXTERNAL
SPEAKER



SP-8
EXTERNAL
SPEAKER



SP-10
EXTERNAL
SPEAKER



PS-45
AC POWER SUPPLY
(13.8V DC, 8A)

ICOM

U.S. Amateur Radio

Retail

Price List

April 1, 1989

BASES MOBILES HANDHELDS REPEATERS AMPLIFIERS RECEIVERS

HF

IC-781				
IC-765	IC-735			
IC-761	IC-725		IC-2KL	IC-R71A
IC-751A				IC-R9000

VHF

IC-275A/H	IC-28A/H	IC- μ 2AT	IC-ML1	IC-R7000
	IC-228A/H	IC-02AT	IC-ML25	IC-R9000
	IC-3200A	IC-2A/AT		
	IC-3210	IC-2GAT		
		IC-32AT		

UHF

IC-475A/H	IC-47A	IC-04AT	RP-3010	IC-R7000
	IC-48A	IC- μ 4AT		IC-R9000
	IC-448A	IC-4GAT		
	IC-3200A	IC-32AT		
	IC-3210			

1.2GHz

IC-1200	IC-12AT	RP-1210	IC-R7000
IC-1201	IC-12GAT		IC-R9000

220MHz

IC-375A	IC-37A	IC-03AT	RP-2210	IC-R7000
	IC-38A			IC-R9000

6 METER

IC-575A/H	IC-R7000
	IC-R9000

MULTI-BAND

IC-900	
UX-19A	10 Meter 10 Watt Band Unit
UX-29A	2 Meter 25 Watt Band Unit
UX-29H	2 Meter 45 Watt Band Unit
UX-39A	220MHz 25 Watt Band Unit
UX-49A	440MHz 25 Watt Band Unit
UX-59A	6 Meter 10 Watt Band Unit
UX-129A	1.2GHz 10 Watt Band Unit

ICOM AMERICA, INC.

Corporate Headquarters: 2380-116th Ave NE, Bellevue, WA 98004

Phone: (206) 454-8155

Customer Service Hotline (206) 454-7619

HF TRANSCEIVERS

MODEL	SUG HAM NET	
IC-725	\$ 949.00	HF All Ham Band, General Coverage Receiver, 12V
IC-735	1099.00	HF All Ham Band, General Coverage Receiver, 12V
IC-751A	1699.00	HF All Ham Band, General Coverage Receiver, 12V
IC-761	2699.00	HF All Ham Band, General Coverage Receiver, Built-in Antenna Tuner and PS
IC-765	3149.00	HF All Ham Band, General Coverage Receiver, Built-in Antenna Tuner and PS
IC-781	5995.00	HF All Ham Band, General Coverage Receiver, Built-in Antenna Tuner and Power Supply, Spectrum Scope

BASE STATIONS

IC-275A	\$1299.00	2M XCVR, FM/SSB/CW, 25W, Internal Power Supply
IC-275H	1399.00	2M XCVR, 12V, FM/SSB/CW, 100W
IC-375A	1399.00	220MHz XCVR, FM/SSB/CW, 25W, Internal Power Supply
IC-475A	1399.00	430-450MHz XCVR, FM/SSB/CW, 25W, Internal Power Supply
IC-475H	1599.00	430-450MHz XCVR, 12V, FM/SSB/CW, 100W
IC-575A	1399.00	6M/10M XCVR, FM/SSB/CW, 10W, Internal Power Supply
IC-575H	1699.00	6M/10M XCVR, 12V, FM/SSB/CW, 100W

RECEIVERS

IC-R71A	\$999.00	100kHz to 30MHz Rcvr, Keyboard Entry, 117V AC
IC-R7000	1199.00	25 to 1300+ MHz Rcvr, Keyboard Entry, 117V AC
IC-R9000	5459.00	100kHz to 2GHz Rcvr, Keyboard Entry, 117V AC

MOBILES

IC-28A	\$469.00	2M FM, 25W, Syn, 21 Memo, 12V DC, HM-14
IC-28H	499.00	2M FM, 45W, Syn, 21 Memo, 12V DC, HM-14
IC-37A	499.00	220MHz FM, 25W, Syn, 9 Memo, 12V DC, HM-23
IC-38A	489.00	220MHz FM, 25W, Syn, 21 Memo, 12V DC, HM-14
IC-47A	549.00	440MHz FM, 25W, Syn, 9 Memo, 12V DC, HM-23
IC-48A	509.00	440MHz FM, 25W, Syn, 21 Memo, 12V DC, HM-14
IC-228A	509.00	2M FM, 25W, Syn, 20 Memo, 12V DC, HM-14, Multi-color LCD
IC-228H	539.00	2M FM, 45W, Syn, 20 Memo, 12V DC, HM-14, Multi-color LCD
IC-448A	599.00	440MHz FM, 25W, Syn, 20 Memo, 12V DC, HM-14, Multi-color LCD
IC-900	639.00	Fiber Optic Multi-Band Controller, Interface A and B, SP8 Speaker, HM-14, Fiber Optic Cabling
Band Units:		
UX-19A	299.00	28-30MHz 10W Band Unit for IC-900
UX-29A	299.00	138-174MHz Rx, 140.1-150MHz Tx 25W Band Unit for IC-900
UX-29H	349.00	138-174MHZ Rx, 140.1-150MHz Tx 45W Band Unit for IC-900
UX-39A	349.00	216-236MHz Rx, 220-225MHz Tx 25W Band Unit for IC-900
UX-49A	349.00	440-450MHz 25W Band Unit for IC-900
UX-59A	349.00	50-54MHz 10W Band Unit for IC-900
UX-129A	549.00	1240-1300MHz 10W Band Unit for IC-900
IC-1201	799.00	1.2GHz FM, 10W, HM-12
IC-3200A	649.00	2M/70cm, 25W, HM-14, Internal Duplexer
IC-3210	739.00	2M/70cm, 25W, HM-14, Internal Duplexer, Multi-colored LCD

REPEATERS

MODEL	SUG HAM NET	
RP-1210	\$1529.00	1.2GHz, 10W, Syn, CTCSS, ID'er, DTMF, Dip Switch Programmable
RP-2210	1649.00	220MHz, 25W, CTCSS, ID'er, DTMF, Dip Switch Programmable
RP-3010	1299.00	440MHz, 10W, CTCSS, ID'er, DTMF, Crystal Controlled

HANDHELDS

IC-2A	\$289.00	2M Syn HH, NiCd/Charger
IC-2AT	319.00	2M Syn HH w/DTMF, NiCd/Charger
IC-2GAT	429.00	2M 7W Syn HH w/DTMF, NiCd/Charger
IC-02AT	409.00	2M 5W Syn HH w/DTMF, NiCd/Charger
IC-μ2AT	329.00	2M Syn HH w/DTMF, NiCd/Charger
IC-03AT	449.00	220MHz Syn HH w/DTMF, NiCd/Charger
IC-4GAT	449.00	440MHz Syn HH w/DTMF, NiCd/Charger
IC-04AT	449.00	440MHz Syn HH w/DTMF, NiCd/Charger
IC-μ4AT	369.00	440MHz Syn HH w/DTMF, NiCd/Charger
IC-12AT	473.00	1.2GHz 1260-1299.99MHz Syn HH w/DTMF, NiCd/Charger
IC-12GAT	529.00	1.2GHz 1260-1299.99MHz Syn HH w/DTMF, NiCd/Charger
IC-32AT	629.00	2M/70cm Syn HH w/DTMF, NiCd/Charger

AMPLIFIERS

IC-2KL w/PS	\$1999.00	15-160M Standard Solid State Amplifier – IC-701/720/730/740/745/751/751A/761/781
ML1	110.00	2M 10W Out Amplifier – IC-2A/2AT/02AT/μ2AT/2GAT
ML25	169.00	25W 2M Linear Amplifier – IC-2A/2AT/02AT/μ2A/μ2AT/2GAT

ANTENNA TUNERS/SELECTORS

AH2	\$659.00	1.8MHz-30MHz Antenna Tuning System (includes Controller Unit, Tuner Unit & Antenna Base & Element)
AH2A	519.00	1.8MHz-30MHz Antenna Tuning System (includes Controller Unit and Tuner Unit)
AH3	489.00	3.5 to 28MHz Antenna Tuner
AT100	445.00	Automatic Antenna Tuner – 100W
AT150	445.00	Automatic Antenna Tuner – 100W
AT500	589.00	Automatic Antenna Tuner – 500W
EX627	315.00	Automatic Antenna Selector

SPEAKERS

SP3	\$65.00	Base Station External Speaker
SP4	32.00	Speaker for Portables, Mag Mount
SP5	32.00	Speaker for Mobiles, Heavy Duty
SP7	51.99	Adjustable Base Speaker for Base Stations
SP8	35.99	Slim Line External Speaker with Visor Clip for Mobiles
SP10	35.99	4 Ohm Speaker for Mobiles, Rectangular
SP20	149.00	External Speaker/Audio Filters for Base Stations

POWER SUPPLIES

PS15	\$175.00	12V Power Supply - IC-271/471/720/730/740/745/751/751A
PS25	125.00	Internal Power Supply - IC-271A/471A/1271A
PS30	349.00	External Power Supply for up to 4 ICOM Transceivers
PS35	219.00	Internal Power Supply for IC-271H/471H/745/751/751A
PS45	145.00	Slim-line External Power Supply for IC-120/22U/25A/27A/37A/45A/47A/290A/490A (with OPC-102 – 28A/38A/48A/228A/448A/1200)
PS55	219.00	External Power Supply for IC-735/275A/275H/375A/475A/475H/575A/575H

MICRO HANDHELD ACCESSORIES

MODEL	SUG HAM NET	
AD-10	\$13.99	Charger Adapter for BC-35 Desktop Charger
AD-11	10.99	Battery Pack Adapter for BP-2, BP-3, BP-4, BP-5 and BP-8
BC-16U	21.25	Wall Charger for BP-23 and BP-24 Battery Packs
BC-25U	16.99	Wall Charger for BP-21 and BP-22 Battery Packs (comes with Micro)
BC-50	79.00	Desktop Quick Charger for all Micro Battery Packs (except BP-20)
BP-20	16.00	Alkaline Battery Case
BP-21	35.99	120mAh at 7.2V NiCd Battery Pack
BP-22	39.50	270mAh at 8.4V NiCd Battery Pack
BP-23	49.00	600mAh at 8.4V NiCd Battery Pack
BP-24	51.50	600mAh at 10.8V NiCd Battery Pack
IC-CP1	13.65	Cigarette Lighter Plug and Cord
DC-25	24.50	DC-DC Converter
FA-140BA	12.00	Replacement Antenna for IC-μ2A/μ2AT
FA-430B	12.00	Replacement Antenna for IC-μ4AT
IC-HM9	47.00	Speaker Mic
HM-46L	31.99	Speaker Mic with "L" Connector for IC-μ2A/μ2AT/μ4AT
HS-10	24.50	Headset with Boom Mic
HS-10SA	24.50	VOX Unit for use with HS-10
HS-10SB	24.50	PTT Unit for use with HS-10
LC-24	13.99	Carrying Case - IC-μ2A with BP-21 Battery Pack
LC-25	13.99	Carrying Case - IC-μ2A with BP-20 Battery Pack
LC-26	13.99	Carrying Case - IC-μ2A with BP-22, BP-23 and DC-25
LC-27	13.99	Carrying Case - IC-μ2A with BP-24 Battery Pack
LC-28	19.50	Carrying Case - IC-μ2AT/μ4AT with BP-21 Battery Pack
LC-29	19.50	Carrying Case - IC-μ2AT/μ4AT with BP-20 Battery Pack
LC-30	19.50	Carrying Case - IC-μ2AT/μ4AT with BP-22, BP-23 and DC-25
LC-31	19.50	Carrying Case - IC-μ2AT/μ4AT with BP-24 Battery Pack
MB-20	4.15	Belt Clip - IC-μ2AT/μ4AT
MB-22	7.50	Alligator Clip - IC-μ2AT/μ4AT
S-Strap	16.99	Shoulder Strap for Micro
UT-37	45.00	Tone Squelch Unit
UT-38	27.50	DTMF Unit for IC-μ2A
UT-39	20.99	Tone Encoder Units for IC-μ2A

ALL OTHER ACCESSORIES

AD12	\$24.50	External 13.8V DC Power Supply Adapter for IC-2GAT/4GAT/32AT
AG1	99.50	External Mast-Mounted Preamp for use with IC-451A/471A
AG20	79.00	Internal Preamp for use with IC-271A
AG25	99.75	External Mast-Mounted Preamp. for use with IC-271H/275A/275H
AG30	116.99	Preamp for IC-375A
AG35	99.75	External Mast-Mounted Preamp for use with IC-471H/475A/475H
AG1200	105.00	1200MHz Preamplifier for IC-1271A
AH32	39.00	Dual Band Antenna for use with IC-3200A/3210
AHB32	35.00	Trunk mount bracket for AH-32
AH610	109.00	6M/10M Dual Band Antenna for IC-575A/575H
AH7000	99.00	Radiating Antenna - IC-R7000
BC16U	21.25	Wall Charger - BP-7/BP-8
BC25U	16.99	Wall Charger - BP-3 Battery Pack
BC35	79.00	Drop-in Desk Charger - All Batteries
BP2	49.00	425mAh at 7.2V NiCd Pack
BP3	39.50	250mAh at 8.4 NiCd Pack
BP4	16.00	Alkaline Battery Case
BP5	65.00	425mAh at 10.8V NiCd Pack
BP7	79.00	425mAh at 13.2V NiCd Pack - IC-02AT/03AT/04AT Only
BP8	79.00	800mAh at 8.4V NiCd Pack - All Handhelds
BP70	69.00	270mAh at 13.2V NiCd Pack - IC-2GAT/4GAT/32AT/02AT/03AT/04AT
CA3	15.00	Flexible Antenna - IC-3AT/03AT

MODEL	SUG HAM NET	
CA4	\$15.00	1/2 Wave Telescoping Antenna - IC-2AT/02AT
CA5	19.95	5/8 Wave Telescoping Antenna - IC-2A/2AT/02AT
CA6	19.95	140MHz 1/2 Wave Telescoping Antenna
CA7	19.95	220MHz 1/2 Wave Telescoping Antenna
CF11	56.00	Cooling Fan for IC-900
CP1	13.65	Cigarette Lighter Plug and Cord - IC-2A/2AT/3AT/4AT with DC1 or IC-02AT/03AT/04AT/12AT or IC-2GAT/4GAT/12GAT/32AT with AD12 or IC-μ2A/μ2AT/μ4AT with DC-25
CP10	22.50	Battery Separator Cable for all Handhelds except IC-μ2A/μ2AT/μ4AT
CP11	18.99	Cigarette Lighter Plug and Cord with Noise Filter - IC-2A/2AT/3AT/4AT with DC1 or IC-02AT/03AT/04AT/12AT or IC-2GAT/4GAT/12GAT/32AT with AD12 or IC-μ2A/μ2AT with DC-25
CR282	99.75	High Stability XTA1 Unit for IC-765
CR64	79.00	High Stability Oscillator Crystal - IC-751/751A/275/375A/475/575/R71A
CT16	97.50	Satellite Interface Unit
CT17	97.50	Communication Interface-V (CI-V)
DC1	24.50	Level Converter
DM10	62.00	DC Operation Pack - for IC-2AT/3AT/4AT
DM20	35.00	Pen-type Digital Multimeter
EX20	75.00	Pocket-type Digital Multimeter
EX241	24.50	6M/10M Automatic Antenna Selector for the IC-575A/H
EX242	49.00	Marker Unit - For Frequency Calibration - IC-740/745
EX243	64.50	FM Unit - IC-740/745
EX248	64.50	Electronic Keyer Unit - IC-735/740/745
EX257	49.00	FM Unit - IC-505
EX299	12.99	FM Unit - IC-R70/R71A
EX309	59.00	12 Volt Option - IC-R70/R71A/R7000 (CK70)
EX310	59.00	Microprocessor Interface Connector - IC-271A/271H/471A/471H/751/751A/1271A/R71A
EX390	5.99	Voice Synthesizer - IC-271A/271H/471A/471H/751A/761/1271A/R71A
FA2	12.00	Bottom Slide Cap - All Handhelds except IC-μ2A/μ2AT/μ4AT
FA3	12.00	Flexible Antenna - IC-2A/2AT/02AT
FL32A	69.00	Flexible Antenna - IC-4A/4AT/04AT
FL33	49.00	500Hz 9MHz CW Filter - IC-735/751/751A/375A/475A/475H/R70/R71A
FL44A	178.00	6.0Hz 9MHz AM Filter - IC-751/751A
FL45	69.00	455kHz SSB Crystal Filter - IC-730/740/745/751/R70/R71A
FL52A	115.00	500Hz CW Narrow Crystal Filter - IC-730/740/745
FL53A	115.00	500Hz 455kHz CW Filter - IC-745/751/751A
FL54	59.00	250Hz 455kHz CW Filter - IC-745/751/751A/761/765
FL63A	59.00	270Hz 9MHz CW Filter - IC-730/740/745
FL70	59.00	250Hz 9MHz CW Narrow Filter -IC-R70/730/735/751/751A/475A/475H/575A/575H/R70/R71A
FL83	85.00	SSB 9MHz, 2.8kHz Filter - IC-751/751A
FL100	76.99	500Hz CW Filter - IC-275A/275H
FL101	73.50	500Hz CW Filter - IC-575A/575H
FL102	59.00	CW/RTTY Filter - IC-761/765
FL103	72.50	9MHz AM Crystal - IC-761/765
GC5	91.95	SSB 2.8kHz Wideband Filter - IC-781
HM4	35.00	World Clock
HM5	40.00	Microphone, 7 Pin - RP-1210/ RP-2210/RP-3010
HM7	32.50	Microphone, 4 Pin, Noise Cancelling
HM8	59.00	Microphone, Amplified, 8 Pin
		8 Pin Amplified Mic with Tone Encoder

MODEL	SUG HAM NET		MODEL	SUG HAM NET	
HM9	\$47.00	Speaker Mic - IC-2A/2AT/3AT/4AT/02AT/03AT/04AT/12AT/ μ 2AT/ μ 4AT/2GAT/4GAT/3210	MB7	\$25.99	Mobile Mounting Bracket - IC-245 Sideband
HM10	47.00	Scanning Mic - IC-25A(Red LED)/255A/260A/290A/730	MB9	25.99	Mobile Mounting Bracket - IC-290
HM11	47.00	Scanning Mic - IC-25A(Green LED)/25H/290A/490	MB10	25.99	Mobile Mounting Bracket, Wrap Around - IC-25/28/38A/48A/228/448A/3200A/3210
HM12	47.00	Scanning Mic - IC-271/471/735/745/751/751A	MB11	25.99	Mobile Mounting Bracket - IC-22U/225/230/245/280
HM14	59.00	Scanning/Touchtone™ Mic - IC-28/38A/45A/48A/228/275/375/448A/475/900/1200/3200A/3210	MB12	25.99	Mobile Mounting Bracket - IC-740/745/R70/R71A/R7000
HM16	34.00	Scanning Speaker Mic - IC-27/28/38A/48A/228/448A/475/900/1200/3200A/3210	MB16	25.99	Stainless Steel Mobile Mounting Unit - All Handhelds
HM23	59.00	Scanning/Touchtone™ Mic - IC-27/37A/47A	MB16D	25.99	Stainless Steel Wall Storage Unit - All Handhelds
HM36	47.00	Scanning Mic for IC-735/745/751/751A/761/765/781	MB17	25.99	Mobile Mounting Bracket - IC-27A/37A/47A
HM46	31.99	Speaker Mic for IC-2AT/02AT/3AT/03AT/4AT/04AT/12AT/32AT	MB18	25.99	Mobile Mounting Bracket - IC-271/471/751A
HM46L	31.99	Speaker Mic with "L" Connector for 2GAT/4GAT/12GAT/ μ 2A/ μ 2AT/ μ 4AT	MB19	42.99	Rack Mount Handles - IC-761/876/781
HP2	43.50	Headphones - All Base Stations	MB21	13.65	Bracket for IC-900 Controller Unit
HS10	24.50	Headset for ICOM Handhelds, Mobiles and Base Stations	MB23	7.99	Carrying Handle for IC-275/375/475/575/735
HS10SA	24.50	VOX Unit for Handheld use with HS-10 — IC-02AT/03AT/04AT/ μ 2AT/ μ 4AT/12AT/2GAT/4GAT/12GAT/32AT	MB28A	12.99	Mobile Mounting Bracket - IC-28A
HS10SB	24.50	PTT Switch Box for Handheld use with HS-10 - All Handhelds	MB28H	12.99	Mobile Mounting Bracket - IC-28H/38A/48A
HS15	34.50	Mobile Microphone — All Mobiles and Base Stations	Phone Patch	179.00	Phone Patch - IC-701/720/730/735/740/745/751/751A/761/781 - Specify Model
HS15SB	25.99	PTT Switchbox for Mobile use with HS-10 or HS-15 - All Mobiles and Base Stations	RC10	49.00	10 Key Frequency Controller - IC-751/751A Only
LC2AT	54.50	Leather Carrying Case - IC-2AT with BP-3 Battery Pack	RC11	70.99	Infrared Remote Controller - IC-R71A
LC02AT	54.50	Leather Carrying Case - IC-02AT/04AT with BP-7/BP-8 Battery Packs	RC12	70.99	Infrared Remote Controller - IC-R7000
LC5	20.50	Carrying Case - IC-2AT/3AT/4AT with BP-5 Battery Pack	SM5	47.95	8 Pin Base Mic - IC-25/251A/255A/260A/290/451/720/730/740
LC7	20.50	Carrying Case - IC-2AT/3AT/4AT with BP-2/BP-3 Battery Packs	SM6	47.95	Desk Mic - IC-271/471/745/751/751A/735/761/765/781
LC11	20.50	Carrying Case - IC-02AT/03AT/04AT with BP-3 Battery Pack	SM8	89.00	Desk Mic with Two Cables - All Base Stations
LC12	20.50	Carrying Case - IC-02AT/03AT/04AT with BP-5 Battery Pack	SM10	149.00	Graphic Equalizer Desk Mic - All Base Stations
LC14	20.50	Carrying Case - IC-02AT/03AT/04AT with BP-7/BP-8 Battery Packs	Shoulder Strap	16.95	Handheld Shoulder Strap
LC38	19.50	Carrying Case - IC-2GAT/4GAT with BP-2/BP-3/BP-4 Battery Packs	TV-1200	139.00	ATV Unit for IC-1271A
LC39	19.50	Carrying Case - IC-2GAT/4GAT with BP-5/BP-70 Battery Packs	TV-R7000	139.00	TV Adapter for IC-R7000
LC40	19.50	Carrying Case - IC-2GAT/4GAT with BP-7/BP-8 Battery Packs	UI-7	71.99	AM/FM Module - IC-725
LC41	19.50	Carrying Case - IC-32AT with BP-2/BP-3/BP-4 Battery Packs	UT15	34.00	Interface Board for TS32 Encoder/Decoder - IC-271/471/1271A
LC42	19.50	Carrying Case - IC-32AT with BP-5/BP-70 Battery Packs	UT15S	96.00	Interface Board with TS32 Encoder/Decoder - IC-271/471/1271A
LC43	19.50	Carrying Case - IC-32AT with BP-7/BP-8 Battery Packs	UT16 (EX388)	34.99	Voice Synthesizer - IC-27/37A/47A
Owners Manual	7.50	Any Manual - UHF, VHF - Specify Model	UT23	34.99	Voice Synthesizer - IC-3200A
Owners Manual	11.50	Owners Manual - HF, Receivers - Specify Model	UT28	39.50	Digital Code Squelch Unit for IC-28/38A/48A
Service Manual	20.00	Service Manual - Handheld/Mobile - Specify Radio	UT29	46.00	Tone Squelch Unit for IC-28/38A/48A
Service Manual	25.00	Service Manual - Base - Specify Radio	UT30	18.50	Tone Encoder Unit for IC-735/761/765
Service Manual	25.00	Service Manual - Base - Specify Radio	UT34	51.99	Tone Squelch for IC-275/375/475/575
MB2	25.99	Mobile Mounting Bracket - IC-202/215/402/502	UT36	35.99	Voice Synthesizer for IC-275/375/475/575/765/781
MB5	25.99	Mobile Mounting Bracket - IC-211/251/451/551/551D/701/720/730/735	UT40	45.00	Tone Squelch/Beeper Unit for IC-2GAT/4GAT/12GAT/32AT/228A/228H/448A/3210
			UX14	72.50	CI-IV/CI-V Converter for IC-271/471/751/751A/1271A/R71A
			3A-TTN	49.00	Optional 16-Button TT Pad - IC-2A

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All stated specifications are subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions. AMAP1189

IC-32

IC-32A (U.S.A. version)
IC-32AT (U.S.A. version)
IC-32E (Europe version)



DUAL BAND FM TRANSCEIVER

Two bands in your hand.

Join today's rapidly expanding FM action with Icom's super-featured dual band handheld. It receives NOAA weather signals (USA version). The IC-32A/AT/E includes full duplex capability, 20 full function memories, numerous scan functions, priority functions and more. An optional pocket beep function alerts you when selected calls are received. Goes anywhere with you.

FEATURES

- TWO BANDS IN ONE HANDHELD
- FULL DUPLEX CROSSBAND OPERATION
- 20 DOUBLE-SPACED MEMORY CHANNELS
- HIGH OUTPUT POWER
- PROGRAMMED, MEMORY AND SELECTED BAND MEMORY SCANS
- FOUR PRIORITY WATCH FUNCTIONS
- "DIAL SELECT" FOR QUICK QSY'ing
- ONE CALL CHANNEL PER BAND
- PROGRAMMABLE OFFSET FREQUENCY
- TONE SQUELCH AND POCKET BEEP (optional)
- SELECTABLE TUNING STEPS
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-32AT)
- 1750Hz TONE CALL (Europe)

SPECIFICATIONS

Frequency coverage: (U.S.A. version) VHF: Rx 138.00 ~ 174.00MHz,* Tx 140.00 ~ 150.00MHz,* UHF: 430.00 ~ 450.00MHz, (Europe version) VHF: 144.00 ~ 148.00MHz, UHF: 430.00 ~ 440.00MHz, (*Specifications guaranteed 144.00 ~ 48.00MHz) • **Tuning step increment:** IC-32A/AT: 5, 10, 15, 20 or 25kHz, IC-32E: 2.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain (at 13.2V DC):** HIGH: VHF 2.0A, UHF 2.2A, LOW: VHF 900mA, UHF 1.0A • **Dimensions (with BP-70):** 65mm (2.6") (W) × 80.5mm (7.1") (H) × 35mm (1.4") (D). With BP-3: 159mm (6.3") (H) • **Output power at 13.2V DC:** HIGH: VHF 5.5W, UHF 5.0W, LOW: VHF 1.0W, UHF 1.0W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.158μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load

IC-2G

IC-2GA (U.S.A. version)
IC-2GAT (U.S.A. version)
IC-2GE (Europe version)



VHF FM TRANSCEIVER

Powerful small package.

Enjoy full base station operation right in your hand with today's most powerful FM handheld! 20 memories store Tx offset frequencies and subaudible tones (IC-2GAT USA version). Feature programmed and memory scan functions, weather band reception capability (USA version) and other numerous functions. An optional pocket beep function alerts you when selected calls are received (USA version).

FEATURES

- 7W OUTPUT WITH BP-7 or BP-70
- AUTOMATIC POWER SAVER
- SPLASH RESISTANT
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TONE SQUELCH AND POCKET BEEP (optional for IC-2GA/GAT)
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-2GAT)
- BUILT-IN 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-2GAT)

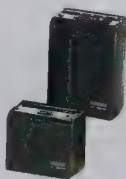
SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx 138.00 ~ 174.00MHz,* Tx 140.00 ~ 150.00MHz,* (Europe version) 144.00 ~ 146.00MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** IC-2GA/GAT: 5, 10, 15, 20 or 25kHz, IC-2GE: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground • **Current drain (at 13.2V DC):** HIGH 1.8A, LOW 900mA • **Dimensions:** 65mm (2.6") (W) × 151mm (5.9") (H) × 35mm (1.4") (D) with BP-70, With BP-3: 130mm (5.1") (H) • **Output power (at 13.2V DC):** HIGH 7W, LOW 1W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load

OPTIONS



BC-35
BC-36
AC BATTERY CHARGER



BP-8
BATTERY PACK
BP-4
BATTERY CASE



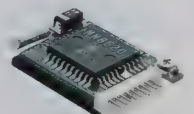
HM-46/L
SPEAKER-
MICROPHONE



CP-1
CIGARETTE
LIGHTER CABLE



CP-10
BATTERY
SEPARATION CABLE



UT-40
TONE SQUELCH
UNIT

Ask your dealer for a detailed brochure. 15

IC- μ 2

IC- μ 2A (U.S.A. version)
IC- μ 2AT (U.S.A. version)
IC- μ 2E (Europe version)

144MHz FM TRANSCEIVER

Pocket-sized companion.

A complete FM communications package that fits right in your shirt pocket! Includes easy top panel tuning, fully tunable ten memories, weather band reception capability (USA version) and DTMF keyboard for auto-patching (USA version). Optional battery packs for 1.0~2.6W output and other options are available. The IC- μ 2A is also available without a DTMF keyboard.



FEATURES

- 2.6W OUTPUT WITH OPTIONAL BP-24 BATTERY PACK
- POCKET SIZE
- AUTOMATIC POWER SAVER
- 10 MEMORY CHANNELS
- DIGITAL TOUCHSTEP TUNING SYSTEM
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC- μ 2AT)
- BATTERY PACK, WALL CHARGER, FLEXIBLE ANTENNA AND HAND-STRAP INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx 140.000 ~ 163.000MHz, *Tx 140.000 ~ 149.995MHz* (Europe version) 144.0000 ~ 146.9875MHz>(*Specifications guaranteed 144.000 ~ 147.995MHz) • **Tuning step increment:** (U.S.A. version) 5kHz, (Europe version) 12.5kHz • **Power supply requirement:** 5.5 ~ 12.0V DC negative ground • **Current drain (8.4V DC):** HIGH 600mA, LOW 300mA • **Dimensions:** 58mm (2.3") (W) × 140mm (5.6") (H) × 29mm (1.1") (D) • **Output power:** HIGH: 1.0W (at 8.4V DC), 2.6W (at 12V DC); LOW: 100mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 250mW at 10% distortion with an 8Ω load

OPTIONS

IC- μ 4

IC- μ 4AT (U.S.A. version)
IC- μ 4E (Europe version)

430/440MHz FM TRANSCEIVER

Compact and reliable.

The ideal pocket-size FM transceiver for big-time operation on 70cm! Easy top panel tuning, programmable offset frequencies for repeater operation. LCD with night light and power saver function.



FEATURES

- POCKET SIZE
- AUTOMATIC POWER SAVER
- 10 MEMORY CHANNELS
- DIGITAL TOUCH TUNING SYSTEM
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- BUILT-IN TONE ENCODER
- BATTERY PACK, WALL CHARGER, FLEXIBLE ANTENNA AND HANDSTRAP INCLUDED

SPECIFICATIONS

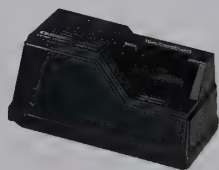
• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.0000 ~ 439.9875MHz • **Tuning step increment:** IC- μ 4AT: 5kHz, IC- μ 4E: 12.5kHz • **Power supply requirement:** 5.5 ~ 12.0V DC negative ground • **Current drain (at 8.4V DC):** HIGH 700mA, LOW 350mA • **Dimensions (with BP-22):** 58mm (2.3") (W) × 140mm (5.6") (H) × 29mm (1.1") (D) • **Output power:** HIGH: 1W (at 8.4V DC), 2W (at 12.0V DC); LOW: 100mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 250mW at 10% distortion with an 8Ω load

FEATURES

- FULLY SYNTHESIZED
- COMPACT AND EASY TO
- DTMF (IC-2AT)
- 1750Hz TONE CALL (IC-2E)
- BATTERY PACK, WALL CHARGER, FLEXIBLE ANTENNA AND HANDSTRAP INCLUDED

SPECIFICATIONS

• **Frequency coverage:** IC-2A/AT: 147.995MHz, IC-2E: 144.000 ~ 149.995MHz • **step increment:** 5kHz • **Power supply requirement:** 5.5 ~ 12.0V DC negative ground • **Current drain (8.4V DC):** HIGH: 550mA, LOW: 300mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 140mm (5.6") (H) × 29mm (1.1") (D) • **Output power:** HIGH: 1.0W (at 8.4V DC), 2.6W (at 12.0V DC); LOW: 100mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 250mW at 10% distortion with an 8Ω load



BC-50U/E
AC BATTERY CHARGER
(for Micro Handhelds)



BP-20, BP-21, BP-22, BP-23, BP-24
BATTERY PACKS AND CASE
(for Micro Handhelds)



HS-10
HEADSET



HS-10SA
VOX UNIT
(for HS-10)



HS-10SB
PTT SWITCHBOX
(for HS-10)

IC-2

IC-2AT (U.S.A. version)
IC-2A (U.S.A. version)
IC-2E (Europe version)

144MHz FM TRANSCEIVER

Time-proven handheld.

The most popular handheld ever made! This easy-to-operate transceiver is recognized worldwide for its outstanding performance and reliability under the most demanding conditions.



IC-02

IC-02A (U.S.A. version)
IC-02AT (U.S.A. version)
IC-02E (Europe version)

144MHz FM TRANSCEIVER

Full featured performance.

Professional grade quality and performance place this FM handheld in a class of its own! Features a highly selective receiver, any Tx offset frequency, selectable output power, three scan functions, priority function, multi-function front keyboard, and much more!



IC-4G

IC-4GAT (U.S.A. version)
IC-4GE (Europe version)

UHF FM TRANSCEIVER

Quality in a new handheld.

This FM handheld has many state-of-the-art features, yet still allows simple operation. Programmable Tx offset frequencies and subaudible tones (USA version) can be memorized into its 20 memories. Includes programmed and memory scan functions, a memory skip function and six full watts of power. An optional pocket beep function alerts you when selected calls are received (USA version).

FEATURES

- 5W OUTPUT WITH BP-7 or BP-70
- 10 MEMORY CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCANS
- PRIORITY WATCH
- CALL CHANNEL
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-02AT)
- DTMF KEYBOARD (IC-02AT)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

144.000 ~ 145.995MHz • **Tuning supply requirement:** • **Current drain** (at 220mA) • **Dimensions** 165mm (6.5") (H) × 35mm (1.4") (D) • **Max.** 1.5W (at 8.4V DC), 2.3W (at 8.4V DC) • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 149.995MHz,* (Europe version) 144.0000 ~ 145.9875MHz, (*Specifications guaranteed 144.000 ~ 148.000MHz) • **Tuning step increment:** IC-02A/AT: 5, 10, 15, 20 or 25kHz. IC-02E: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain** (at 8.4V DC): HIGH: 1.05A, LOW: 450mA • **Dimensions** (with BP-3) 65mm (2.6") (W) × 160mm (6.3") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 3W (at 8.4V DC), 5W (at 13.2V DC), LOW: 500mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

FEATURES

- AUTOMATIC POWER SAVER
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TONE SQUELCH AND POCKET BEEP (optional for IC-4GAT)
- SUBAUDIBLE TONE ENCODER (IC-4GAT)
- BUILT-IN 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-4GAT)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.00 ~ 450.00MHz, (Europe version) 430.00 ~ 440.00MHz • **Tuning step increment:** IC-4GA/GAT: 5, 10, 15, 20 or 25kHz. IC-4GE: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground • **Current drain** (at 13.2V DC): HIGH 2.3A, LOW 1.2A • **Dimensions** (with BP-70): 65mm (2.6") (W) × 151mm (5.9") (H) × 35mm (1.4") (D) • **With BP-3:** 130mm (5.1") (H) • **Output power** (at 13.2V DC): HIGH 6W, LOW 1W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load

OPTIONS



HM-46/L
SPEAKER-MICROPHONE



BC-35 / BC-36
AC BATTERY
CHARGER



BP-8
BATTERY PACK
BP-4
BATTERY CASE



LC-14
CARRYING
CASE



CP-1
CIGARETTE
LIGHTER CABLE



CP-10
BATTERY
SEPARATION CABLE

Ask your dealer for a detailed brochure. 17



IC-04

IC-04AT (U.S.A. version)
IC-04E (Europe version)

430/440MHz FM TRANSCEIVER

Full featured handheld.

Designed for amateurs that demand top grade quality and performance in a 70cm handheld! Extremely sensitive receiver and superb transmitter. Ten memories, any Tx offset frequency, scanning, priority watch and multiple tuning step increments. An outstanding handheld!

FEATURES

- HIGH OUTPUT POWER
- 10 MEMORY CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCANS
- PRIORITY WATCH
- CALL CHANNEL
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-04AT)
- DTMF KEYBOARD (IC-04AT)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.000 ~ 439.9875MHz • **Tuning step increment:** IC-04AT: 5, 10, 15, 20 or 25kHz. IC-04E: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground (EXT. POWER JACK: 13.8V DC) • **Current drain (at 8.4V DC):** HIGH 1.25A, LOW 550mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 160mm (6.3") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 2.5W (at 8.4V DC), 5W (at 13.2V DC). LOW: 500mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.32μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

OPTIONS



BC-35/BC-36
AC BATTERY CHARGER



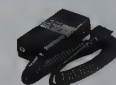
BP-8
BATTERY PACK
BP-4 BATTERY CASE



HM-46/L
SPEAKER-MICROPHONE



HS-10
HEADSET



HS-10SA
VOX UNIT



IC-4

IC-4AT (U.S.A. version)
IC-4E (Europe version)

430/440MHz FM TRANSCEIVER

Time-honored handheld.

Amateur Radio's all-time favorite 70cm handheld is still available! The ideal transceiver for amateurs preferring easy operation, classic Icom performance and field-proven reliability under a wide variety of circumstances.

FEATURES

- FULLY SYNTHESIZED
- COMPACT AND EASY TO OPERATE
- DTMF (IC-4AT)
- 1750Hz TONE CALL (IC-4E)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.000 ~ 439.995MHz • **Tuning step increment:** 5kHz • **Power supply requirement:** 7.2 ~ 12.0V DC negative ground • **Current drain (at 8.4V DC):** HIGH 700mA, LOW 300mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 165mm (6.5") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 1.5W (at 8.4V DC), 2.3W (at 10.8V DC). LOW: 150mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** More than 26dB (S+N+D)/(N+D) at 1μV • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load



IC-12G

IC-12GAT (U.S.A. version)
IC-12GE (Europe version)

1200MHz FM TRANSCEIVER

Microwave technology in a sleek design.

An advanced 1.2GHz FM handheld! This little gem is loaded: 20 memories store any Tx offset frequency and subaudible tones (USA version), programmed and memory scan functions, call channel (USA version), power saver function, and optional pocket beep function (USA version).

FEATURES

- SPLASH RESISTANT
- WIDE BAND FREQUENCY COVERAGE
- RECEIVER INCREMENTAL TUNING (RIT)
- RECEIVER AND TRANSMITTER INCREMENTAL TUNING (VXO)
- AUTOMATIC POWER SAVER
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TONE SQUELCH AND POCKET BEEP (optional for IC-2GAT)
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-12GAT)
- BUILT-IN 1750Hz TONE CALL (IC-12GE)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-12GAT)

SPECIFICATIONS

• **Frequency coverage:** 1240.00 ~ 1300.00MHz • **Tuning step increment:** IC-12GAT: 10 or 20kHz, IC-12GE: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground • **Current drain (at 13.2V DC):** HIGH 900mA, LOW 400mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 130mm (5.1") (H) × 35mm (1.4") (D) • **Output power (at 8.4V DC):** HIGH: 1W, LOW: 0.1W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load



IC-12

IC-12AT (U.S.A. version)
IC-12E (Europe version)

1200MHz FM TRANSCEIVER

1200MHz in the palm of your hand.

Join the excitement of 1.2GHz pioneering with Icom's full featured IC-12AT/E FM handheld. Includes ten memories, programmable offset frequencies, programmed and memory scan functions and a DTMF keyboard for autopatching (USA version). A Novice licensee's delight!

FEATURES

- RIT AND VXO
- FULLY SYNTHESIZED
- COMPACT AND EASY TO OPERATE
- DTMF (IC-12AT)
- 1750Hz TONE CALL (IC-12E)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** IC-12AT: 1260.00 ~ 1299.99MHz, IC-12E: 1260.0000 ~ 1299.9875MHz • **Tuning step increment:** IC-12AT: 10, 20, 30, 40 or 50kHz. IC-12E: 12.5, 25, 37.5, 50 or 62.5kHz • **Power supply requirement:** 5.5 ~ 15.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain (at 8.4V DC):** HIGH 900mA, LOW 400mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 171mm (6.7") (H) × 35.5mm (1.4") (D) • **Output power (at 8.4V DC):** HIGH 1W, LOW 100mW • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.32μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

OPTIONS



HS-10SB
PTT SWITCHBOX



MB-16D
WALL BRACKET



LC-14
CARRYING CASE



CP-1
CIGARETTE LIGHTER CABLE



CP-10
BATTERY SEPARATION CABLE

Ask your dealer for a detailed brochure. 19



IC-375A

220MHz ALL MODE TRANSCEIVER

The ultimate 220MHz performer!

The industry's champion in advanced all mode transceivers! The IC-375A operates in all fixed, portable and mobile situations. Suitable for packet operation, it's an SSB operator's delight. And there's also passband tuning, tunable IF notch, a speech compressor, noise blanker, FM tuning meter, and all mode squelch in this single cabinet station. Receives 216-235MHz. A fine-tuned, top performer anywhere, anytime!

FEATURES

- WIDE FREQUENCY COVERAGE
- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- USB, LSB, CW, FM
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- PREAMPLIFIER (optional)
- ALL MODE SQUELCH
- PACKET COMPATIBLE
- SELECTABLE TUNING STEPS
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** 216.0000 ~ 235.0000MHz. (Specifications guaranteed 220.0000 ~ 225.0000MHz) • **Tuning step increment:** 10Hz or 1kHz (SSB, CW); 1kHz or 5kHz (FM) • **Power supply requirement:** 117V AC or 13.8V DC $\pm 15\%$ negative ground • **Current drain:** Max. 7A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** 2.5 ~ 25W • **Max. frequency deviation:** ± 5 kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.10 μ V for 10dB S/N. FM/less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



SM-10
COMPRESSOR/GRAPHIC
EQUALIZER DESK TOP MICROPHONE



SM-8
DESK MICROPHONE



PS-45
AC POWER SUPPLY



SP-7
EXTERNAL
SPEAKER



HS-15
FLEXIBLE
MOBILE MICROPHONE

HS-15SB
SWITCHBOX



IC-37A

220MHz FM TRANSCEIVER

Tired of all the traffic on your band?

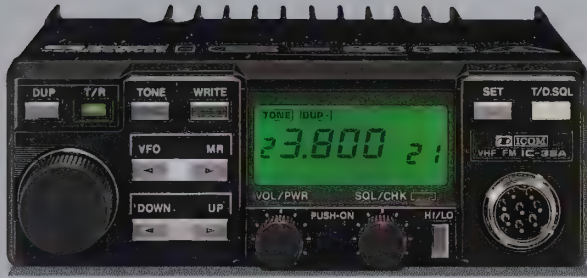
Get away from the crowds! Escape with the IC-37A, a streamlined 220MHz mobile transceiver packed with sophisticated features. Choose from three scan functions, a priority function, nine memories, or 38 built-in subaudible tones. Also included are a reverse switch for offset checks, an internal speaker, and an HM-23 DTMF mic.

FEATURES

- 25W OUTPUT
- 9 MEMORY CHANNELS
- PRIORITY WATCH
- BUILT-IN SPEAKER
- MICROPHONE WITH DTMF ENCODER INCLUDED
- BUILT-IN SUBAUDIBLE TONE ENCODER
- VFO AND MEMORY SCANS
- SELECTABLE TUNING STEPS
- PROGRAMMABLE OFFSET FREQUENCY
- VOICE SYNTHESIZER (optional)

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.995MHz • **Tuning step increment:** 5 or 10kHz • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** HIGH 6.5A, LOW 3.0A • **Dimensions:** 140mm (5.4") (W) \times 38mm (1.5") (H) \times 177mm (7.0") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** ± 5 kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load



IC-38A

220MHz FM TRANSCEIVER

Discover the wide open spaces on 220MHz.

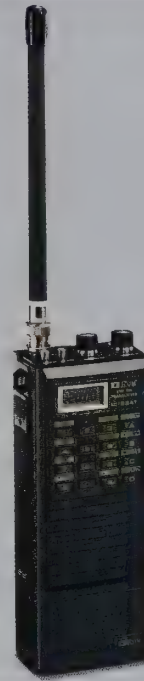
Icom's compact, easy-to-use IC-38A is a 220MHz mobile transceiver especially designed for operator convenience. This transceiver features a large LCD readout, push ON/OFF control and tuning/memory selection via the supplied HM-14 mic or tuning control, 21 memories, a memory skip function, scanning, and more!

FEATURES

- 25W OUTPUT
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCANS
- LARGE LCD
- CALL CHANNEL
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS

SPECIFICATIONS

• **Frequency coverage:** Rx 215.00 ~ 230.00MHz,* Tx 220.00 ~ 225.00MHz (*Specifications guaranteed 220.00~225.00MHz) • **Tuning step increment:** 5, 10, 15, 20 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH 6.5A, LOW 3.0A • **Dimensions:** 140mm (5.4") (W) \times 50mm (2.0") (H) \times 155mm (6.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-O3AT

220MHz FM TRANSCEIVER

Top-of-the-line 220MHz handheld.

This advanced handheld has everything for the active amateur: ten memories, any Tx offset frequency, programmable and memory scan functions, priority watch function and more! Top quality and reliability!

FEATURES

- HIGH OUTPUT POWER
- 10 MEMORY CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMABLE AND MEMORY SCANS
- PRIORITY WATCH
- CALL CHANNEL
- SUBAUDIBLE TONE ENCODER
- DTMF KEYPAD
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.995MHz • **Tuning step increment:** 5, 10, 15, 20 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain (at 8.4V DC):** HIGH 1.2A, LOW 500mA • **Dimensions:** 65mm (2.6") (W) \times 160mm (6.3") (H) \times 35mm (1.4") (D) • **Output power:** HIGH; 2W (at 8.4V DC), 5W (at 13.2V DC). LOW; 500mW (at 8.4V DC) • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25 μ V for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8 Ω load

OPTIONS



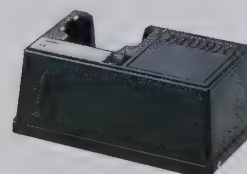
SP-8
EXTERNAL
SPEAKER



SP-10
EXTERNAL
SPEAKER



HM-14
DTMF MICROPHONE



BC-35
AC BATTERY
CHARGER



BP-8 / BP-4
BATTERY PACK



IC-3AT TRANSCEIVER 220MHz FM

Join the excitement on 220MHz.

The ideal FM handheld for new amateurs. Includes easy thumb-wheel frequency selection, a rear switch for repeater or simplex operation and a DTMF keyboard for autopatching. A durable handheld hailed by thousands of hams for its excellent performance and reliability.

FEATURES

- FULLY SYNTHESIZED
- COMPACT AND EASY TO OPERATE
- DTMF
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.990MHz • **Tuning step increment:** 10kHz
 • **Power supply requirement:** 7.2 ~ 12.0V DC negative ground • **Current drain (at 8.4V DC):** HIGH 550mA, LOW 220mA • **Dimensions:** 65mm (2.6") (W) × 165mm (6.5") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 1.5W (at 8.4V DC), 2.3W (at 10.8V DC), LOW: 150mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz
 • **Mode:** FM (F3) • **Sensitivity:** More than 26dB(S+N+D)/(N+D) at 1μV • **Audio output power:** More than 300mW at 10% distortion with an 8Ω load

OPTIONS



BC-35/BC-36
AC BATTERY
CHARGER



BP-8
BATTERY PACK
BP-4
BATTERY CASE



HM-46
SPEAKER-MICROPHONE



HS-10
HEADSET



HS-10SB
PTT SWITCHBOX



IC-RP2210 220MHz FM REPEATER

Dependable repeater on 220MHz.

Icom's world-famous quality and dependability are now available in a 220MHz FM repeater! This extremely rugged and reliable unit exceeds even the most demanding requirements of low IMD and distortion, spurious emissions and desensitization. Includes a very sensitive receiver, 25W transmitter, automatic ID'er, time-out timers, , DTMF decoder for remote control operation and single switch local/remote operation. Transmit and receive frequencies, CTCSS frequency and hang-up timer are dip-switch programmable.

FEATURES

- 25W OUTPUT
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- PROGRAMMABLE CALLSIGN IDENTIFICATION
- EXCELLENT IMD ATTENUATION
- LOCAL INHIBIT AND TONE SQUELCH
- BACKUP BATTERY CONNECTOR
- BUILT-IN SPEAKER AND MICROPHONE CONNECTOR
- CTCSS DECODER
- STEEL FRAME
- CABINET (optional)

SPECIFICATIONS

• **Frequency coverage:** 220 ~ 225MHz • **Tuning step increment:** 5kHz • **Power supply requirement:** 117V AC or 13.8V DC • **Dimensions (without optional cabinet):** 480mm (18.9") (W) × 150mm (5.9") (H) × 400mm (15.7") (D) • **Output power:** 25W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.32μV for 12dB SINAD



IC-RP3010

430MHz FM REPEATER

Be a UHF superstar.

Owning your own repeater has never been more attractive than now. That's why Icom designed the IC-RP3010, an advanced, commercial grade repeater that delivers superb performances in any environment. The IC-RP3010 is built with microprocessor and crystal control, a durable steel frame, output of 10W, and CTCSS/DTMF/CW ID'er ability. Now you're the UHF superstar you've always wanted to be!

FEATURES

- 10W OUTPUT
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- PROGRAMMABLE CALLSIGN IDENTIFICATION
- EXCELLENT IMD ATTENUATION
- LOCAL INHIBIT AND TONE SQUELCH
- BACKUP BATTERY CONNECTOR
- BUILT-IN SPEAKER AND MICROPHONE CONNECTOR
- CTCSS DECODER
- STEEL FRAME
- CABINET (optional)

SPECIFICATIONS

• **Frequency coverage:** 430 ~ 450MHz • **Power supply requirement:** 117/240V AC or 13.8V DC • **Dimensions (without optional cabinet):** 480mm (18.9") (W) × 150mm (5.9") (H) × 400mm (15.7") (D) • **Output power:** 10W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.5μV for 12dB SINAD



IC-RP1210

1200MHz FM REPEATER

Complete, professional-quality repeater.

Being the owner and operator of a repeater on a new era band is a dream that rarely happens, but with Icom's advanced IC-RP1210 that dream is now a reality. The IC-RP1210 is designed with PLL frequency control, a 198-channel capacity, and includes CTCSS/DTMF/CW ID'er ability. Durable, highly stable, microprocessor controlled. Owning it is no longer a dream.

FEATURES

- 10W OUTPUT
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- PROGRAMMABLE CALLSIGN IDENTIFICATION
- EXCELLENT IMD ATTENUATION
- LOCAL INHIBIT AND TONE SQUELCH
- BACKUP BATTERY CONNECTOR
- BUILT-IN SPEAKER AND MICROPHONE CONNECTOR
- CTCSS DECODER
- STEEL FRAME
- CABINET (optional)

SPECIFICATIONS

• **Frequency coverage:** Rx: 1271.02 ~ 1272.98MHz. Tx: 1291.02 ~ 1292.98MHz • **Tuning step increment:** 10kHz • **Power supply requirement:** 117/240V AC or 13.8V DC • **Dimensions (without optional cabinet):** 480mm (18.9") (W) × 150mm (5.9") (H) × 400mm (15.7") (D) • **Output power:** 10W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.5μV for 12dB SINAD

OPTIONS



MB-16D
WALL BRACKET



CP-1
CIGARETTE
LIGHTER
CABLE



CP-10
BATTERY SEPARATION
CABLE



IC-R71

IC-R71A (U.S.A. version)
IC-R71E (Europe version)

COMMUNICATIONS RECEIVER

Put the world at your fingertips.

Renowned worldwide, the IC-R71A/E/D is a versatile, sophisticated receiver built for superior performances. The IC-R71A/E/D includes a 100dB dynamic range, passband tuning, RF preamp, adjustable noise blanker, selectable AGC, and tuning control or keyboard frequency selection. Tune in the whole world with the IC-R71A/E/D!

FEATURES

- USB, LSB, AM, FM, CW, RTTY (FM : optional)
- 32 MEMORY CHANNELS
- INFRARED REMOTE CONTROL (optional)
- PROGRAMMED, MEMORY AND MODE SCANS
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- NOISE BLANKER
- VOICE SYNTHESIZER (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. and Europe versions) 0.1000 ~ 30.0000MHz
• **Tuning step increment:** 100Hz or 1kHz • **Power supply requirement:** 117, or 235V AC (200 or 220V use requires internal modifications) • **Modes:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) (option) • **Dimensions:** 286mm (11.3") (W) × 111mm (4.4") (H) × 276mm (10.9") (D) • **Sensitivity:** SSB, CW, RTTY for 10dB (S+N) /N: 0.1~1.6MHz/less than 1.0μV, 1.6~30.0MHz/less than 0.15μV. AM for 10dB (S+N) /N: 0.1~1.6MHz/less than 3.0μV, 1.6~30.0MHz/less than 0.5μV. FM for 12dB SINAD: 1.6~30.0MHz/less than 0.3μV. • **Audio output power:** More than 3W at 10% distortion with an 8Ω load

OPTIONS



RC-11
WIRELESS REMOTE
CONTROLLER (for IC-R71A/E)



RC-12
WIRELESS
REMOTE CONTROLLER
(for IC-R7000)



AH-7000
SUPER WIDEBAND
OMNIDIRECTIONAL ANTENNA



HP-2
COMMUNICATION
HEADPHONES



IC-R7000

COMMUNICATIONS RECEIVER

Gives more as it receives!

Requests for the ultimate in commercial quality VHF/UHF reception were met when Icom designed the IC-R7000, a state-of-the-art microwave communications receiver that has to be heard to be believed. The IC-R7000 features continuous tuning from 25 to 1000 and 1025 to 2000MHz, multi-mode operation, six separate tuning increments, optional voice synthesizer capability, and six advanced scan functions: priority, programmed, selective, mode, memory, and automatic memory write scan functions.

FEATURES

- USB, LSB, FM, FM-NARROW, AM
- WIDE FREQUENCY COVERAGE
- 99 MEMORY CHANNELS
- INFRARED REMOTE CONTROL (optional)
- VARIABLE SCAN SPEED AND DELAY
- NOISE BLANKER
- VOICE SYNTHESIZER (optional)
- SIX SCANNING FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. and Europe versions) 25.0000 ~ 999.9999MHz, 1025.0000 ~ 1999.9999MHz.* (*Specifications guaranteed 1240.0000 ~ 1300.0000MHz) • **Tuning step increment:** 0.1, 1, 5, 10, 12.5 or 25kHz • **Power supply requirement:** 117, 220 or 234V AC • **Modes:** SSB (A3J), AM (A3), FM (narrow/wide) (F3) • **Dimensions:** 286mm (11.3") (W) × 110mm (4.3") (H) × 276mm (10.9") (D) • **Sensitivity:** 25.0000 ~ 999.9999MHz: FM (narrow)/less than 0.5μV for 12dB SINAD. FM (wide)/less than 1.0μV for 12dB SINAD. AM/less than 1.0μV for 10dB S/N. SSB/less than 0.3μV for 10dB S/N. 1240.0000 ~ 1300.0000MHz: FM (narrow)/less than 0.5μV for 12dB SINAD. FM (wide)/less than 2.0μV for 12dB SINAD. AM/less than 2.0μV for 10dB S/N. SSB/less than 0.3μV for 10dB S/N • **Audio output power:** More than 2.5W at 10% distortion with an 8Ω load



- **AD-10 CHARGER ADAPTER**
Adapter for BP-21, BP-22, BP-23 and BP-24 when using BC-35 or BC-36.
- **AD-11 BATTERY PACK ADAPTER**
For Micro Handhelds.
Adapter for use with BP-2, BP-3, BP-4, BP-5, BP-5A and BP-8.
- **AD-12 EXTERNAL POWER ADAPTER**
For G series Handhelds. Allow you to use 13.8V DC external power.
- **BC-16U/E, BC-17, BC-18, BC-25U/E, BC-26E, BC-27 WALL CHARGERS**
Fully charge all battery packs.
- **BC-35, BC-36 AC BATTERY CHARGERS**
Desk top chargers for BP-2, BP-3, BP-4, BP-5, BP-5A, BP-8 and BP-70.
- **BC-50U/E AC BATTERY CHARGERS**
Desk top chargers for BP-21, BP-22, BP-23 and BP-24.

BATTERY PACKS AND CASES

BP-2	7.2 V, 450 mAh
BP-3	8.4 V, 270 mAh
BP-4	Case for six AA size batteries
BP-5	10.8 V, 450 mAh
BP-5A	10.8 V, 450 mAh (with charger jack)
BP-7	13.2 V, 450 mAh
BP-8	8.4 V, 800 mAh
BP-70	13.2 V, 270 mAh
BP-20	Case for six AA size batteries
BP-21	7.2 V, 120 mAh
BP-22	8.4 V, 270 mAh
BP-23	8.4 V, 600 mAh
BP-24	10.8 V, 600 mAh

- **CP-1 CIGARETTE LIGHTER CABLE**
Allows you to charge a battery pack through the cigarette lighter socket.
- **CP-11 CIGARETTE LIGHTER CABLE WITH NOISE FILTER**
Allows you to use the handheld transceiver through the cigarette lighter socket.
- **CP-10 BATTERY SEPARATION CABLE**
For separating the handheld from the battery pack.
- **DC-1 DC-DC CONVERTER**
For IC-2A/AT/E and IC-4A/AT/E.

- **DC-25 DC-DC CONVERTER**
For Micro Handhelds.
Allows you to use an external 13.8V DC power source.
- **BA-10 BOTTOM CAP**
Protective cap for terminals on the base of the transceiver.
- **HM-46/L SPEAKER-MICROPHONE**
Combination speaker and microphone.
- **HS-10 HEADSET**
Combination headphone and microphone.
- **HS-10SA VOX UNIT**
VOX unit for the HS-10.
- **HS-10SB PTT SWITCHBOX**
Manual Tx/Rx switch for the HS-10.
- **MB-16 MOBILE BRACKET**
Transceiver bracket for mobile operation.
- **MB-16D WALL BRACKET**
For placing your handheld transceiver in a convenient location.
- **MB-20 BELT CLIP**
For Micro Handhelds. Complete mobility clip.
- **MB-22 ALLIGATOR CLIP**
For Micro Handhelds Clips to almost anything in a variety of convenient places.
- **ST-10 SHOULDER STRAP**
For carrying your handheld transceiver.
- **UT-37 TONE SQUELCH UNIT**
For Micro Handhelds.
Programmable tone-controlled squelch unit.
- **UT-38 DTMF ENCODER UNIT**
For Micro Handhelds DTMF tone unit that allows you to access a repeater or make an phone-patch.
- **UT-39 SUBAUDIBLE TONE ENCODER UNIT**
For Micro Handhelds. A tone encoder unit that allows you to access repeaters requiring subaudible tones.
- **UT-40 TONE SQUELCH UNIT**
Tone squelch and Pocket Beep unit.

- *1. Optional DC-1 is required
- *2. Optional AD-12 is required
- *3. Optional DC-25 is required.
- *4. Except for full duplex operation
- *5. Except the IC-μ2E and IC-μ4E
- *6. Already included with the IC-μ2AT and IC-μ4AT
- *7. Except IC-μ2E and IC-μ4E
Already included with the IC-μ2AT and IC-μ4AT
- *8. Except IC-2GE, IC-4GE and IC-12GE
- *9. Available only in the U.S.A

HANDHELD TRANSCEIVERS OPTIONS TABLE

Transceivers		Options													
		IC-2A/AT/E	IC-02A/AT/E	IC-2GA/GAT/GE	IC-μ2A/AT/E	IC-3AT	IC-03AT	IC-4AT/E	IC-04AT/E	IC-4GAT/GE	IC-μ4AT/E	IC-12AT/E	IC-12GAT/GE	IC-32A/AT/E	
Battery packs and cases	BP-2														
	BP-3														
	BP-4														
	BP-5														
	BP-5A														
	BP-7														
	BP-8														
	BP-70														
	BP-20														
	BP-21														
DC-DC converters	DC-22														
	DC-23														
	DC-24														
	DC-1														
Cables	DC-25														
	CP-10														
	CP-1	*1	*2	*3	*1		*1	*2	*3		*2				
Microphones and headsets	CP-11	*1	*2	*3	*1		*1	*2	*3		*2				
	HM-46													*4	
	HM-46L														
	HS-10+HS-10SA													*4	
	HS-10+HS-10SB													*4	
Built-in units	UT-37				*5					*5					
	UT-38				*6					*6					
	UT-39				*7					*7					
	UT-40			*8					*8			*8			
	FA-2														
Antennas	FA-140BA														
	CA-5	*9	*9	*9	*9										
	CA-6	*9	*9	*9	*9										
	CA-3					*9	*9								
	CA-7					*9	*9								
	FA-3														
	FA-430B														
	FA-1443B														
	FA-1240T														
	MB-16														
Brackets	MB-16D														
	MB-20														
	MB-22														
Other options	BA-10														
	AD-10														
	AD-11														
	AD-12														
	ST-10														

Applicable Not applicable

BATTERY CHARGERS

Chargers	Battery packs	BP-2	BP-3	BP-5	BP-5A	BP-7	BP-8	BP-70	BP-21	BP-22	BP-23	BP-24
BC-16U/E												
BC-17												
BC-18												
BC-25U/E												
BC-26E												
BC-27												
BC-35												
BC-36												
BC-50U/E												

Compatible Not Compatible

CARRYING CASES

Handheld trans- ceivers													Handheld trans- ceivers
	IC-2A/E IC-4E	IC-2AT IC-4AT	IC-02A/AT/E IC-04AT/E	IC-12AT/E	IC-2GA/GE IC-4GE	IC-2GAT-4GAT IC-12GAT	IC-32A/AT/E						
Battery packs								Battery packs					
BP-2	LC-3	LC-7	LC-11	LC-19	LC-35	LC-38	LC-41	BP-20	LC-25	LC-29			
BP-3	LC-3	LC-7	LC-11	LC-19	LC-35	LC-38	LC-41	BP-21	LC-24	LC-28			
BP-4	LC-2	LC-6	LC-11	LC-19	LC-35	LC-38	LC-41	BP-22	LC-26	LC-30			
BP-5	LC-1	LC-5	LC-12	LC-21	LC-36	LC-39	LC-42	BP-23	LC-26	LC-30			
BP-5A	LC-18	—	LC-14	LC-23	LC-37	LC-40	LC-43	BP-24	LC-27	LC-31			
BP-7	—	—	LC-14	LC-23	LC-37	LC-40	LC-43	DC-25	LC-26	LC-30			
BP-8	LC-18	—	LC-14	LC-23	LC-37	LC-40	LC-43						
BP-70	—	—	LC-12	LC-21	LC-36	LC-39	LC-42						
DC-1	LC-3	LC-7	—	—	—	—	—						

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Your local agent/dealer:





Count on us!

Our 25 years of experience has made us the world's most famous manufacturer of amateur radio equipment.

When it comes to HF, VHF and UHF transceiver technology, Icom leads the pack.

Hams on every continent enjoy our top-notch quality and superior service.

Look through this catalog and visit your dealer's showroom. You'll see that you can count on us!

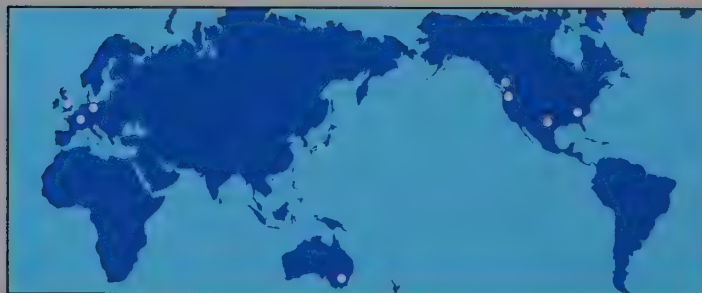


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	IC-751A	〈SSB, CW, RTTY, AM, FM〉	7
BASE STATION TRANSCEIVERS	IC-575	〈SSB, CW, AM, FM〉	8
	IC-275	〈SSB, CW, FM〉	8
	IC-475	〈SSB, CW, FM〉	9
	IC-1271	〈SSB, CW, FM〉	9
MULTI-BAND MOBILE TRANSCEIVERS	IC-900	28/50/144/220/430/440/1200MHz〈FM〉	10
	IC-3210	144/430MHz or 144/440MHz〈FM〉	11
	IC-3200	144/430MHz or 144/440MHz〈FM〉	11
MOBILE TRANSCEIVERS	IC-27	144MHz〈FM〉	12
	IC-228	144MHz〈FM〉	12
	IC-28	144MHz〈FM〉	13
	IC-47	430 or 440MHz〈FM〉	13
	IC-48	430 or 440MHz〈FM〉	14
	IC-1200	1200MHz〈FM〉	14
HANDHELD TRANSCEIVERS	IC-32	144/430MHz or 144/440MHz〈FM〉	15
	IC-2G	144MHz〈FM〉	15
	IC-μ2	144MHz〈FM〉	16
	IC-μ4	430 or 440MHz〈FM〉	16
	IC-2	144MHz〈FM〉	16
	IC-02	144MHz〈FM〉	17
	IC-4G	430 or 440MHz〈FM〉	17
	IC-04	430 or 440MHz〈FM〉	18
	IC-4	430 or 440MHz〈FM〉	18
	IC-12G	1200MHz〈FM〉	19
	IC-12	1200MHz〈FM〉	19
220MHz BAND TRANSCEIVERS	IC-375A	〈SSB, CW, FM〉	20
	IC-37A	MOBILE 〈FM〉	20
	IC-38A	MOBILE 〈FM〉	21
	IC-03AT	HANDHELD 〈FM〉	21
	IC-3AT	HANDHELD 〈FM〉	22
REPEATERS	IC-RP2210	220MHz	22
	IC-RP3010	430 or 440MHz	23
	IC-RP1210	1200MHz	23
RECEIVERS	IC-R71	HF 〈SSB, CW, RTTY, AM, FM〉	24
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OPTIONS (HANDHELDS)			25
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All stated specifications are subject to change without notice or obligation.

Products included in this catalog are products that were a part of Icom's product line as of the date of this printing.



IC-781 HF ALL BAND TRANSCEIVER

FEATURES

- 5" CRT DISPLAY
- DUAL WATCH
- SPECTRUM SCOPE
- TWIN PASSBAND TUNING
- GENERAL COVERAGE RECEIVER
- 150W OUTPUT
- BUILT-IN ANTENNA TUNER
- 105dB DYNAMIC RANGE
- 99 MEMORY CHANNELS
- BUILT-IN POWER SUPPLY
- DIRECT DIGITAL SYNTHESIZER (DDS)
- BAND STACKING REGISTER
- FULL DUTY CYCLE RATED
- BUILT-IN ELECTRONIC KEYS
- CW SEMI/FULL BREAK-IN
- ADJUSTABLE NOISE BLANKER
- ADJUSTABLE AUTOMATIC GAIN CONTROL (AGC)
- WIDE/NARROW SSB AND CW FILTERS
- VARIABLE AUDIO PEAK FILTER (APF)
- ADJUSTABLE NOTCH FILTER
- SEPARATE RIT/ Δ TX FOR VFO A AND B FREQUENCIES
- BUILT-IN CLOCKS AND TIMERS
- 10dB, 20dB AND 30dB RF ATTENUATORS
- VOICE SYNTHESIZER (optional)
- CRT VIDEO OUTPUT AND ASCII INPUT
- BUILT-IN 10dB GAIN PREAMPLIFIER
- PROGRAMMED, Δ F, FINE, MEMORY AND SELECTED MEMORY CHANNEL SCANS
- CW PITCH CONTROL
- 100% DUTY CYCLE RATED

IC-781 is the most advanced HF transceiver on the market – the first with a CRT display for central monitoring. Experience the latest in digital technology. Superior specifications, superior performance. Nothing else comes close.

SPECIFICATIONS

- **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4000 ~ 4.1000MHz, 6.9000 ~ 7.5000MHz, 9.9000 ~ 10.5000MHz, 13.9000 ~ 14.5000MHz, 17.9000 ~ 18.5000MHz, 20.9000 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9000 ~ 30.0000MHz
- **Tuning step increment:** 10Hz, 50Hz or 1kHz
- **Power supply requirement:** 100 ~ 120V or 200 ~ 240V AC
- **Power consumption:** Max. 760VA
- **Dimensions:** 425mm (16.7") (W) \times 149mm (5.9") (H) \times 411mm (16.2") (D)
- **Output power:** 15 ~ 150W (SSB, CW, RTTY, FM), 8 ~ 75W (AM)
- **Max. frequency deviation:** \pm 5kHz
- **Modes:** SSB (A3J), CW (A1), RTTY (F1), FM (F3), AM (A3)
- **Sensitivity (Preamp ON):** SSB, CW, RTTY (for 10dB S/N): 0.1 ~ 0.5MHz/less than 0.5 μ V, 0.5 ~ 1.8MHz/less than 1.0 μ V, 1.8 ~ 30.0MHz/less than 0.16 μ V. AM (for 10dB S/N): 0.1 ~ 0.5MHz/less than 3.2 μ V, 0.5 ~ 1.8MHz/less than 6.3 μ V, 1.8 ~ 30.0MHz/less than 1.0 μ V. FM (for 12dB SINAD): 28.0 ~ 30.0MHz/less than 0.23 μ V
- **Audio output power:** More than 2.6W at 10% distortion with an 8 Ω load

OPTIONS



IC-2KL
500W LINEAR
AMPLIFIER



IC-AT500
500W AUTOMATIC
ANTENNA TUNER



IC-761 HF ALL BAND TRANSCEIVER

FEATURES

- GENERAL COVERAGE RECEIVER
- BUILT-IN AUTOMATIC ANTENNA TUNER
- 100W OUTPUT
- PASSBAND TUNING AND IF SHIFT
- KEYBOARD FREQUENCY ENTRY
- 32 MEMORY CHANNELS
- BUILT-IN POWER SUPPLY
- FULL DUTY CYCLE RATED
- 105dB DYNAMIC RANGE
- ADJUSTABLE NOISE BLANKER
- BUILT-IN ELECTRONIC KEYS
- CW SEMI/FULL BREAK-IN
- 20dB RF ATTENUATOR
- BUILT-IN PREAMPLIFIER
- RIT/ATX CONTROLS
- PROGRAMMED, MEMORY AND MODE SCANS
- ADJUSTABLE NOTCH FILTER
- VOICE SYNTHESIZER (optional)

Build a great station around this superb all-mode, all-band HF transceiver. Designed for the experienced amateur. Picture this rig in your shack!

SPECIFICATIONS

• **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4500 ~ 4.1000MHz, 6.9500 ~ 7.5000MHz, 9.9500 ~ 10.5000MHz, 13.9500 ~ 14.5000MHz, 17.9500 ~ 18.5000MHz, 20.9500 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9500 ~ 30.0000MHz • **Tuning step increment:** 10Hz, 50Hz or 1kHz • **Power supply requirement:** 100 ~ 120V or 200 ~ 240V AC • **Power consumption:** Max. 650VA • **Dimensions:** 424mm (16.7") (W) × 150mm (5.9") (H) × 390mm (15.4") (D) • **Output power:** 10 ~ 100W (SSB, CW, RTTY, FM), 10 ~ 40W (AM) • **Max. frequency deviation:** ±5kHz • **Modes:** SSB (A3J), CW (A1), RTTY (F1), FM (F3), AM (A3) • **Sensitivity (Preamp ON):** SSB, CW, RTTY (for 10dB S/N): 0.1 ~ 0.5MHz/less than 0.5μV, 0.5 ~ 1.6MHz/less than 1.0μV, 1.6 ~ 30.0MHz/less than 0.15μV, AM (for 10dB S/N): 0.1 ~ 0.5MHz/less than 3.0μV, 0.5 ~ 1.6MHz/less than 6.0μV, 1.6 ~ 30.0MHz/less than 1.0μV, FM (for 12dB SINAD): 28.0 ~ 30.0MHz/less than 0.3μV • **Audio output power:** More than 2.6W at 10% distortion with an 8Ω load

OPTIONS



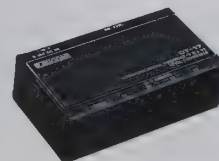
SP-20
EXTERNAL SPEAKER
WITH AUDIO FILTERS



SM-10
COMPRESSOR/GRAPHIC EQUALIZER
DESK TOP MICROPHONE



SM-8
DESK MICROPHONE



CT-17
CI-V LEVEL
CONVERTER



HP-2
COMMUNICATION
HEADPHONES

Ask your dealer for a detailed brochure. 5



IC-735 HF ALL BAND TRANSCEIVER

FEATURES

- GENERAL COVERAGE RECEIVER
- COMPACT AND LIGHTWEIGHT
- 12 MEMORY CHANNELS
- 100W OUTPUT
- EXTRA-LARGE LCD READOUT
- 105dB DYNAMIC RANGE
- RECEIVER INCREMENTAL TUNING (RIT)
- PROGRAMMED AND MEMORY SCANS
- BUILT-IN ATTENUATOR AND PREAMPLIFIER
- PASSBAND TUNING
- ADJUSTABLE NOTCH FILTER
- AUTOMATIC GAIN CONTROL (AGC)
- NOISE BLANKER
- HM-12 MICROPHONE INCLUDED
- CW SEMI/FULL BREAK-IN
- CW NARROW FILTER (optional)
- ELECTRONIC KEYS (optional)

Enjoy the world's most versatile compact rig! Ideal for mobile, portable and base station operation. Connect an optional AH-2 HF AUTOMATIC ANTENNA TUNER to automate antenna matching. An outstanding value.

SPECIFICATIONS

• **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4000 ~ 4.1000MHz, 6.9000 ~ 7.5000MHz, 9.9000 ~ 10.5000MHz, 13.9000 ~ 14.5000MHz, 17.9000 ~ 18.5000MHz, 20.9000 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9000 ~ 30.0000MHz • **Tuning step increment:** 10Hz, 1kHz or 1MHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** Max. 20A • **Dimensions:** 241mm (9.5")(W) \times 94mm (3.7")(H) \times 239mm (9.4")(D) • **Output power:** 10 ~ 100W (SSB, CW, FM), 10 ~ 40W (AM) • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), FM (F3), AM (A3) • **Sensitivity (Preamp ON):** SSB, CW (for 10dB S/N): 0.1 ~ 1.6MHz/less than 1.0 μ V, 1.6 ~ 30.0MHz/less than 0.15 μ V, AM (for 10dB S/N): 0.1 ~ 1.6MHz/less than 6.0 μ V, 1.6 ~ 30.0MHz/less than 1.0 μ V, FM (for 12dB SINAD): 1.6 ~ 30.0MHz/less than 0.5 μ V • **Audio output power:** More than 3W at 10% distortion with an 8 Ω load

OPTIONS



AT-150
100W AUTOMATIC
ANTENNA TUNER



PS-55
AC POWER SUPPLY
(13.8V DC, 20A)



AH-2
HF AUTOMATIC
ANTENNA TUNER



SP-7
EXTERNAL SPEAKER



IC-751A HF ALL BAND TRANSCEIVER

FEATURES

- GENERAL COVERAGE RECEIVER
- 32 MEMORY CHANNELS
- 105dB DYNAMIC RANGE
- 100W OUTPUT
- 100% DUTY CYCLE RATED
- BUILT-IN ELECTRONIC KEYS
- CW SEMI/FULL BREAK-IN
- 500Hz CW FILTER INCLUDED
- ADJUSTABLE NOISE BLANKER
- PASSBAND TUNING
- ADJUSTABLE NOTCH FILTER
- HM-36 MICROPHONE INCLUDED
- PROGRAMMED, MEMORY AND MODE SCANS
- BUILT-IN ATTENUATOR AND PREAMPLIFIER

Treat yourself to this rig and enjoy, enjoy, enjoy. Famous for its ease of operation and long term reliability, this rig has been the ham's companion on many DXpeditions. Easily connected to Packet and AMTOR equipment. This one's a hard worker!

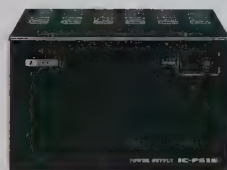
SPECIFICATIONS

• **Frequency coverage:** Receiver: 0.1000 ~ 30.0000MHz. Transmitter: 1.8000 ~ 2.0000MHz, 3.4500 ~ 4.1000MHz, 6.9500 ~ 7.5000MHz, 9.9500 ~ 10.5000MHz, 13.9500 ~ 14.5000MHz, 17.9500 ~ 18.5000MHz, 20.9500 ~ 21.5000MHz, 24.5000 ~ 25.1000MHz, 27.9500 ~ 30.0000MHz • **Tuning step increment:** 10Hz, 50Hz or 1kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** Max. 20A • **Dimensions:** 306mm (12.0") (W) \times 115mm (4.5") (H) \times 355mm (14.0") (D) • **Output power:** 10 ~ 100W (SSB, CW, RTTY, FM), 10 ~ 40W (AM) • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), RTTY (F1), FM (F3), AM (A3) • **Sensitivity (Preamp ON):** SSB, CW, RTTY (for 10dB S/N): 0.1 ~ 0.5MHz/less than 0.5 μ V, 0.5 ~ 1.6MHz/less than 1.0 μ V, 1.6 ~ 30.0MHz/less than 0.15 μ V. AM (for 10dB S/N): 0.1 ~ 0.5MHz/less than 3.0 μ V, 0.5 ~ 1.6MHz/less than 6.0 μ V, 1.6 ~ 30.0MHz/less than 1.0 μ V. FM (for 12dB SINAD): 28.0 ~ 30.0MHz/less than 0.3 μ V • **Audio output power:** More than 2.6W at 10% distortion with an 8 Ω load

OPTIONS



IC-AT500
500W AUTOMATIC
ANTENNA TUNER



IC-PS15
AC POWER SUPPLY
(13.8V DC, 20A)



IC-SP3
EXTERNAL SPEAKER



SM-10
COMPRESSOR/GRAPHIC EQUALIZER
DESK TOP MICROPHONE

Ask your dealer for a detailed brochure. 7



IC-575 IC-575A (10W version) IC-575H (100W version)

28/50MHz ALL MODE TRANSCEIVER

Will you be ready when sunspot Cycle 22 peaks? Forecasters tell us the best 6 and 10 meter DX in 30 years is coming soon. Icom has designed this rig with all the features standard to HF rigs. Wideband receiver coverage provides you with continuous tuning from 26MHz to 56MHz.

FEATURES

- 100W OUTPUT (IC-575H)
- RECEIVER COVERAGE: 26~56MHz
- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- BUILT-IN AC POWER SUPPLY (IC-575A)
- PASSBAND TUNING
- USB, LSB, FM, AM, CW
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- BUILT-IN PREAMPLIFIER
- ALL MODE SQUELCH
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** Rx: 26.0000 ~ 56.0000MHz, Tx: 28.0000 ~ 29.7000MHz, 50.0000 ~ 54.0000MHz • **Tuning step increment:** 10Hz or 1kHz (SSB, CW, AM), 1kHz or 5kHz (FM) • **Power supply requirement:** 13.8V DC \pm 15% negative ground (IC-575A: power supply built-in) • **Current drain:** IC-575A: max. 5.2A. IC-575H: max. 20A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** IC-575A: 1 ~ 10W (SSB, CW, FM), 1 ~ 4W (AM). IC-575H: 10 ~ 100W (SSB, CW, FM), 10 ~ 25W (AM) • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), FM (F3), AM (A3) • **Sensitivity:** SSB, CW/less than 0.13 μ V for 10dB S/N, FM/less than 0.25 μ V for 12dB SINAD. AM/less than 1.0 μ V for 10dB S/N • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



SM-10
COMPRESSOR/GRAPHIC
EQUALIZER DESK TOP MICROPHONE

SM-8
DESK MICROPHONE



IC-275 IC-275A (25W U.S.A. version) IC-275E (25W Europe version) IC-275H (100W version)

144MHz ALL MODE TRANSCEIVER

This 2 meter transceiver is packed with all the features found in HF rigs. With the fastest lock-up time of any 2 meter rig on the market (5 milliseconds), you will find this transceiver perfect for packet. Use the serial data port (CI-V) to create a computer control or online system with other Icom rigs.

FEATURES

- 100W OUTPUT (IC-275H)
- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- USB, LSB, CW, FM
- BUILT-IN POWER SUPPLY (IC-275A/E)
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- PREAMPLIFIER (optional)
- ALL MODE SQUELCH
- PACKET COMPATIBLE
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx: 138.0000 ~ 174.0000MHz, *Tx: 140.1000 ~ 150.0000MHz, * (Europe version) 144.0000 ~ 146.0000MHz. *Specifications guaranteed 143.8000 ~ 148.2000MHz • **Tuning step increment:** 10Hz or 1kHz (SSB, CW), 1kHz or 5kHz (FM) • **Power supply requirement:** 13.8V DC \pm 15% negative ground (IC-275A/E: power supply built-in) • **Current drain:** IC-275A: max. 6.0A, IC-275H: max. 20A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** IC-275A/E: 2.5 ~ 25W, IC-275H: 10 ~ 100W • **Max. frequency deviation:** \pm 5kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.10 μ V for 10dB S/N. FM/less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load



PS-55
AC POWER SUPPLY
(13.8V DC, 20A)



IC-PS25
INTERNAL
POWER SUPPLY UNIT
(13.8V DC, 8A)



IC-475 IC-475A (25W U.S.A. version) IC-475E (25W Europe version) IC-475H (75W version) 430MHz ALL MODE TRANSCEIVER

This 70cm rig is equipped with Icom's DDS (Direct Digital Synthesizer) method, a feature designed to meet the high-speed demands of digital communication system such as packet and AMTOR, and is also equipped with an interference reduction system similar to those used in HF transceivers.

FEATURES

- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- USB, LSB, CW, FM
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- MEMORY SKIP FUNCTION
- AUTOMATIC GAIN CONTROL (AGC)
- PREAMPLIFIER (optional)
- ALL MODE SQUELCH
- PACKET COMPATIBLE
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 430.0000 ~ 450.0000MHz, (Europe version) 430.0000 ~ 440.0000MHz • **Tuning step increment:** 10Hz or 1kHz (SSB, CW), 1kHz or 5kHz (FM) • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground (IC-475A/E: power supply built in) • **Current drain:** IC-475A/E: max. 7.5A, IC-475H: max. 20A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** IC-475A/E: 2.5 ~ 25W, IC-475H: 10 ~ 75W • **Max. frequency deviation:** ± 5 kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.10 μ V for 10dB S/N, FM/less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load



IC-1271 IC-1271A (U.S.A. version) IC-1271E (Europe version) 1200MHz ALL MODE TRANSCEIVER

You will surely be pleased with this rig: the first and only 1.2GHz base station transceiver on the market! Packed with all the features standard to HF transceivers. Work any mode, even ATV (with optional TV-1200), and be assured of stable receiving and transmitting.

FEATURES

- 10W OUTPUT
- EXCELLENT FREQUENCY STABILITY
- USB, LSB, FM, CW, ATV (optional)
- 32 MEMORY CHANNELS
- PROGRAMMED, MEMORY AND MODE SCANS
- SPLIT FREQUENCY OPERATION
- NOISE BLANKER
- PREAMPLIFIER (optional)
- SUBAUDIBLE TONE ENCODER (IC-1271A)
- 1750Hz TONE CALL (IC-1271E)
- ADJUSTABLE AF TONE

SPECIFICATIONS

• **Frequency coverage:** 1240.0000 ~ 1300.0000MHz • **Tuning step increment:** 100Hz or 1kHz (SSB, CW), 1kHz or 25kHz (FM) • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** Max. 7.5A • **Dimensions:** 286mm (11.3") (W) \times 111mm (4.4") (H) \times 276mm (10.9") (D) • **Output power:** 1 ~ 10W • **Max. frequency deviation:** ± 5 kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.16 μ V for 10dB (S+N)/N, FM/less than 0.22 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



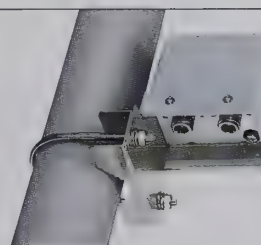
HP-2
COMMUNICATION
HEADPHONES



CT-16
SATELLITE
INTERFACE UNIT



CT-17
CI-V LEVEL
CONVERTER



AG-25 (144MHz)
AG-35 (430MHz)
AG-1200 (1200MHz)
WEATHER PROOF
PREAMPLIFIERS



TV-1200
ATV ADAPTER

Ask your dealer for a detailed brochure. 9



IC-900

IC-900A (U.S.A. version)
IC-900E (Europe version)

SUPER MULTI-BANDER SYSTEM

FEATURES

- OPTICAL FIBER INTERFACE CABLE
- LIGHT, COMPACT AND EASILY INSTALLED
- SIX-BAND FLEXIBILITY
- FULL DUPLEX CROSSBAND OPERATION
- 10 MEMORY CHANNELS PER BAND
- PROGRAMMED AND MEMORY SCANS
- ONE CALL CHANNEL PER BAND
- DUAL BAND LCD READOUT
- MICROPHONE AND SPEAKER INCLUDED AT NO EXTRA COST
- SUBAUDIBLE TONE ENCODER (U.S.A.)
- TONE AND DIGITAL CODE SQUELCH (optional)

Introducing a revolutionary concept in mobile transceivers. Install the multi-function remote controller and speaker on the dashboard, put an interface unit under the front seat, and hide the other interface and band units in the trunk. Signals race through the optical fiber cable at the speed of light, ensuring you clean Tx and Rx audio. Buy as many band units as you like!

SPECIFICATIONS

• **Frequency coverage:** UX-19A/E: 28.00 ~ 30.00MHz, UX-59A: 50.00 ~ 54.00MHz, UX-29A/E/H: (U.S.A. version) Rx 138.00 ~ 174.00MHz, *Tx 140.10 ~ 150.00MHz, (*Europe version) 144.00 ~ 146.00MHz. (*Specifications guaranteed 144.00 ~ 148.00MHz) UX-39A: Rx 216.00 ~ 236.00MHz, *Tx 220.00 ~ 225.00MHz. (*Specifications guaranteed 220.00 ~ 225.00MHz.) UX-49A/E: (U.S.A. version) 440.00 ~ 450.00MHz. (Europe version) 430.00 ~ 440.00MHz. UX-129A/E: 1240.00 ~ 1300.00MHz • **Tuning step increment:** UX-19A/E, UX-59A, UX-29A, UX-29H (U.S.A. version), UX-39A, UX-49A: 5, 10, 15, 20 or 25kHz; UX-29E, UX-29H (Europe version), UX-49E, UX-129E: 12.5 or 25kHz; UX-129A: 10 or 20kHz • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** Depends on each band unit • **Dimensions:** REMOTE CONTROLLER: 150mm (5.9") (W) \times 50mm (2.0") (H) \times 25mm (1.0") (D). INTERFACE UNIT A: 177mm (7.0") (W) \times 25mm (1.0") (H) \times 177mm (7.0") (D), INTERFACE UNIT B: 177mm (7.0") (W) \times 25mm (1.0") (H) \times 193mm (7.6") (D) • **Output power:** UX-19A/E: HIGH 10W, LOW 1W. UX-59A: HIGH 10W, LOW 1W. UX-29A/E: HIGH 25W, LOW 5W. UX-29H: HIGH 45W, LOW 5W. UX-39A: HIGH 25W, LOW 5W. UX-49A/E: HIGH 25W, LOW 5W. UX-129A/E: HIGH 10W, LOW 1W • **Max. frequency deviation:** ± 5 kHz • **Mode:** FM • **Sensitivity:** UX-19A/E, UX-59A, UX-129A/E: less than 0.13 μ V for 12dB SINAD. UX-29A/E/H, UX-32A, UX-49A/E: less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load

OPTIONS



UX-19A/E
28MHz
BAND UNIT

UX-59A
50MHz
BAND UNIT

UX-29A/E/H
144MHz
BAND UNIT

UX-39A
220MHz
BAND UNIT

UX-49A/E
430/440MHz
BAND UNIT

UX-129A/E
1200MHz
BAND UNIT



IC-3210

IC-3210A (U.S.A. version)
IC-3210E (Europe version)

DUAL BAND FM TRANSCEIVER

Icom's newest dual band mobile rig featuring the latest in VHF and UHF technology. Compact and easily installed in any vehicle. Transmit on one frequency and receive on the other, and you're operating full duplex. It's just like talking on the telephone. The simple and well laid-out front panel ensures quick and easy operation of all its many functions. A great convenience when driving!

FEATURES

- FULL DUPLEX CROSSBAND OPERATION
- 20 DOUBLE-SPACED MEMORY CHANNELS
- BUILT-IN DUPLEXER
- TWO CALL CHANNELS
- FOUR PRIORITY WATCH FUNCTIONS
- PROGRAMMED, MEMORY AND SELECTED BAND MEMORY SCAN
- 1750Hz TONE CALL (Europe)
- VARIABLE LCD BACKLIGHT INTENSITY
- TONE SQUELCH AND POCKET BEEP FUNCTIONS (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) VHF: Rx 138.00 ~ 174.00MHz,* Tx 140.00 ~ 150.00MHz,* UHF: 440.00 ~ 450.00MHz, (Europe version) VHF: 144.00 ~ 146.00MHz, UHF: 430.00 ~ 440.00MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** IC-3210A: 5, 10, 15, 20 or 25kHz. IC-3210E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH: 7.6A, LOW: 3.6A • **Dimensions:** 140mm (5.5") (W) \times 50mm (2.0") (H) \times 180mm (7.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-3200

IC-3200A (U.S.A. version)
IC-3200E (Europe version)

144/430MHz DUAL BAND FM TRANSCEIVER

Thousands of happy customers have enjoyed this longstanding favorite. One of the first dual band mobile rigs on the market, you are assured of quality and years of excellent performance.

FEATURES

- 25W OUTPUT
- 10 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TWO CALL CHANNELS
- BUILT-IN DUPLEXER
- LARGE LCD
- PRIORITY WATCH
- SELECTABLE TUNING STEPS
- VOICE SYNTHESIZER (optional)
- 1750Hz TONE CALL (Europe)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.00 ~ 150.00MHz,* 440.00 ~ 450.00MHz, (Europe version) 144.00 ~ 146.00MHz, 430.00 ~ 440.00MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** (U.S.A. version) VHF:5 or 15kHz, UHF:5 or 25kHz. (Europe version) VHF:12.5 or 25kHz,UHF: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH 7.5A, LOW 3.5A • **Dimensions:** 140mm (5.5") (W) \times 50mm (2.0") (H) \times 207mm (8.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 1.7W at 10% distortion with an 8 Ω load

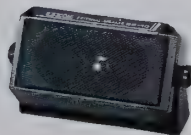
OPTIONS



SP-7
EXTERNAL
SPEAKER



SP-8
EXTERNAL
SPEAKER



SP-10
EXTERNAL
SPEAKER



HS-15
FLEXIBLE
MOBILE MICROPHONE



IC-SP4
MOBILE SPEAKER



PS-45
AC POWER SUPPLY
(13.8V DC, 8A)



IC-27

IC-27A (25W U.S.A. version)
IC-27E (25W Europe version)
IC-27H (45W version)

144MHz FM TRANSCEIVER

A simple but effective way of getting on 2 meters.

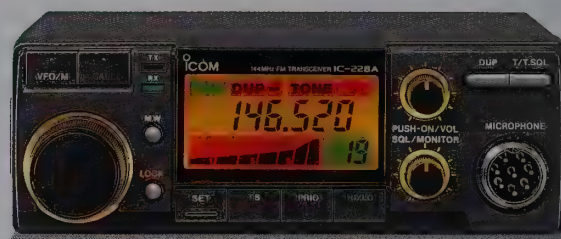
FEATURES

- 45W OUTPUT (IC-27H)
- 9 MEMORY CHANNELS
- PRIORITY WATCH
- BUILT-IN SPEAKER
- MICROPHONE WITH DTMF ENCODER INCLUDED (U.S.A.)
- MICROPHONE WITH 1750Hz TONE CALL INCLUDED (Europe)
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- VFO AND MEMORY SCANS
- SELECTABLE TUNING STEPS
- PROGRAMMABLE OFFSET FREQUENCY
- VOICE SYNTHESIZER (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 149.995MHz,* (Europe version) 144.0000 ~ 145.9875MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz)
• **Tuning step increment:** U.S.A. version: 5 or 15kHz, Europe version: 12.5 or 25kHz
• **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** IC-27A/E: HIGH 6.0A, LOW 3.0A, IC-27H: HIGH 9.5A, LOW 3.5A • **Dimensions:** 140mm (5.5") (W) \times 38mm (1.5") (H) \times 177mm (7.0") (D). IC-27H: 226mm (8.9") (D)
• **Output power:** IC-27A/E: HIGH 25W, LOW 5W, IC-27H: HIGH 45W, LOW 5W
• **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



IC-228

IC-228A (25W U.S.A. version)
IC-228E (25W Europe version)
IC-228H (45W version)

144MHz FM TRANSCEIVER

Our newest 2 meter mobile transceiver features the latest in VHF technology. Compact and easily installed in any vehicle. The simple and well laid-out front panel ensures quick and easy operation of all its many functions. A great convenience when driving!

FEATURES

- 45W OUTPUT (IC-228H)
- COMPACT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- MULTI-COLOR LCD
- CALL CHANNEL
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- THREE PRIORITY WATCH FUNCTIONS
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- MICROPHONE WITH DTMF ENCODER INCLUDED (U.S.A.)
- MICROPHONE WITH 1750Hz TONE CALL INCLUDED (Europe)
- SELECTABLE TUNING STEPS
- ADJUSTABLE LCD INTENSITY
- TONE SQUELCH AND POCKET BEEP (optional)
- PROGRAMMABLE OFFSET FREQUENCY
- LARGE HEATSINK

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx:138.00 ~ 174.00MHz,* Tx:140.00 ~ 150.00MHz,* (Europe version) 144.00 ~ 146.00MHz,(*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** U.S.A. version: 5, 10, 15, 20 or 25kHz, Europe version: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** IC-228A/E: HIGH 6.0A, LOW 3.0A, IC-228H: HIGH 9.5A, LOW 3.5A • **Dimensions:** 140mm (5.5") (W) \times 50mm (2.0") (H) \times 137mm (5.4") (D). IC-228H: 159mm (6.3") (D) • **Output power:** IC-228A/E: HIGH 25W, LOW 5W, IC-228H: HIGH 45W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



HS-15
FLEXIBLE
MOBILE MICROPHONE



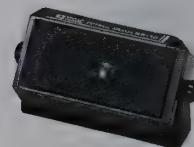
IC-SP4
MOBILE SPEAKER



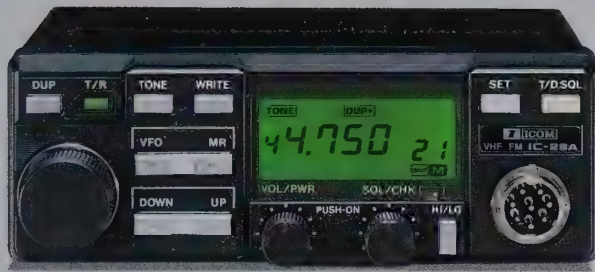
SP-7
EXTERNAL
SPEAKER



SP-8
EXTERNAL
SPEAKER



SP-10
EXTERNAL
SPEAKER



IC-28

IC-28A (25W U.S.A. version)
IC-28E (25W Europe version)
IC-28H (45W version)

144MHz FM TRANSCEIVER

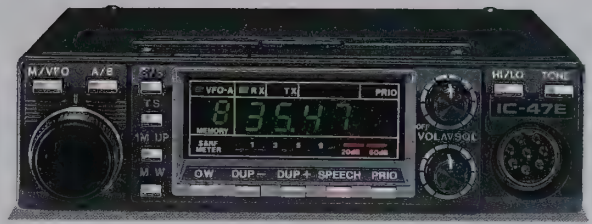
One of our customers' favorite 2 meter mobile transceivers, this rig will provide you with many hours of enjoyment.

FEATURES

- RECEIVER COVERAGE: 138~174MHz (U.S.A.)
- 45W OUTPUT (IC-28H)
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCANS
- LARGE LCD
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx:138.00 ~ 174.00MHz,* Tx:140.10 ~ 150.00MHz,* (Europe version) 144.00 ~ 146.00MHz (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** (U.S.A. version) 5, 10, 15, 20 or 25kHz; (Europe version) 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** IC-28A/E: HIGH 6.0A, LOW 3.0A. IC-28H: HIGH 9.5A, LOW 3.5A • **Dimensions:** 140mm (5.4") (W) \times 50mm (2.0") (H) \times 133mm (5.2") (D). IC-28H: 155mm (6.1") (D) • **Output power:** IC-28A/E: HIGH 25W, LOW 5W. IC-28H: HIGH 45W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-47

IC-47A (U.S.A. version)
IC-47E (Europe version)

430MHz FM TRANSCEIVER

A simple but effective way of getting on 70cm.

FEATURES

- 25W OUTPUT
- 9 MEMORY CHANNELS
- PRIORITY WATCH
- BUILT-IN SPEAKER
- MICROPHONE WITH DTMF ENCODER INCLUDED (U.S.A.)
- MICROPHONE WITH 1750Hz TONE CALL INCLUDED (Europe)
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A.)
- VFO AND MEMORY SCANS
- SELECTABLE TUNING STEPS
- PROGRAMMABLE OFFSET FREQUENCY
- VOICE SYNTHESIZER (optional)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.000 ~ 439.995MHz • **Tuning step increment:** IC-47A: 5 or 15kHz, IC-47E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH 7.0A, LOW 3.5A • **Dimensions:** 140mm (5.4") (W) \times 38mm (1.5") (H) \times 226mm (8.9") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



PS-45
AC POWER SUPPLY
(13.8V DC, 8A)



IC-PS30
AC POWER SUPPLY
(13.8V DC, 25A)



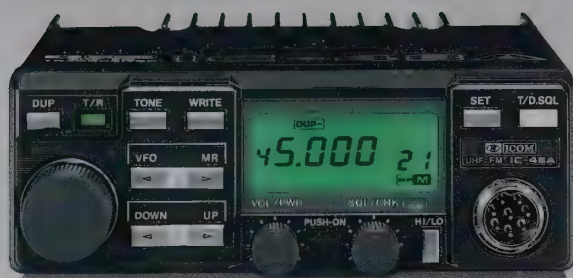
HM-14
DTMF MICROPHONE



SM-8
DESK MICROPHONE



SM-10
COMPRESSOR/GRAPHIC EQUALIZER
DESKTOP MICROPHONE



IC-48 IC-48A (U.S.A. version) IC-48E (Europe version)

UHF FM TRANSCEIVER

A favorite with our customers, this 70cm mobile rig will provide you with many hours of enjoyment.

FEATURES

- 25W OUTPUT
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCANS
- LARGE LCD
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS

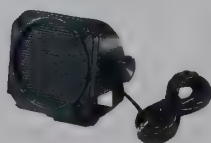
SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.00 ~ 450.00MHz, (Europe version) 430.00 ~ 440.00MHz • **Tuning step increment:** IC-48A: 5, 10, 15, 20 or 25kHz. IC-48E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** HIGH 7.5A, LOW 3.5A • **Dimensions:** 140mm (5.4") (W) \times 50mm (2.0") (H) \times 155mm (6.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** ± 5 kHz • **Mode:** FM • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load

OPTIONS



HM-14
DTMF MICROPHONE



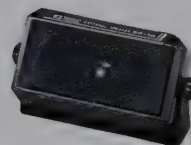
IC-SP4
MOBILE MICROPHONE



SP-7
EXTERNAL
SPEAKER



SP-8
EXTERNAL
SPEAKER



SP-10
EXTERNAL
SPEAKER



PS-45
AC POWER SUPPLY
(13.8V DC, 8A)



IC-1200 IC-1200A (U.S.A. version) IC-1200E (Europe version)

1200MHz FM TRANSCEIVER

This 1.2GHz mobile transceiver features the latest in UHF technology. Use Icom's Automatic Frequency Control (AFC) to pull in stations that drift off frequency. Compact and easily installed in any vehicle. The simple and well laid-out front panel ensures quick and easy operation of all its many functions. A great convenience when driving!

FEATURES

- SENSITIVE GaAsFET RECEIVER
- 10W OUTPUT
- 21 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- AFC AND RIT
- SUBAUDIBLE TONE ENCODER (IC-1200A)
- TONE AND DIGITAL CODE SQUELCH (optional)
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- LARGE LCD READOUT

SPECIFICATIONS

• **Frequency coverage:** 1240.00 ~ 1300.00MHz • **Tuning step increment:** IC-1200A: 10 or 20kHz, IC-1200E: 12.5 or 25kHz • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** HIGH 5.5A, LOW 2.5A • **Dimensions:** 140mm (5.4") (W) \times 40mm (1.6") (H) \times 196mm (7.7") (D) • **Output power:** HIGH 10W, LOW 1W • **Max. frequency deviation:** ± 5 kHz • **Mode:** FM • **Sensitivity:** Less than 0.22 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load

ICOM IC-751A

Can you handle this much transceiver?



- All HF Band Transceiver/ General Coverage Receiver
- New Design
- 100% Duty Cycle Transmitter
- 105dB Dynamic Range
- All Modes Built-In USB, LSB, AM, FM, CW, RTTY
- 12 Volt Operation

The new IC-751A, top-of-the-line HF base station transceiver is designed for the ham operator who demands high performance. Whether entering contests or QSY'ing for pleasure, the 100 watt IC-751A incorporates the best features of the IC-751, and brings you to the forefront of technology with the following most-requested additions.

More CW Control. For the CW enthusiast, the new IC-751A includes an electronic keyer unit, QSK rated at up to 40WPM, standard FL-32A 9MHz/500Hz

CW filter and CW sidetone to monitor your code in RX or TX modes... great for practice!

All Amateur Band Coverage. Includes general coverage reception from 100kHz to 30MHz, and may be easily modified for MARS operation.

Improved Smooth Tuning. The IC-751A features a newly designed tuning control for velvet smooth tuning.

Added LED Annunciator. For easy identification if you're using the tuning speed, dial, or band switching functions.

32 Memories. Mode and frequency data may be stored in any of 32 memories...all the memory capability that you'll ever need.

More Stable. Even in the receive mode, the IC-751A has a sophisticated thermal sensor to monitor the internal temperature. The sensor automatically activates the

cooling fan which gives maximum stability ...critical for optimum performance during contests.

Newly Designed Features. The IC-751A boasts a number of newly designed features for better performance ... a new 9MHz notch filter that drastically reduces QRM, a new AGC system, a new compressor for better audio clarity, and a new AF gain control system that improves control of the CW sidetone volume.

Options Available. Options for the IC-751A include the IC-PS30 external AC system power supply, IC-PS35 internal AC power supply, IC-AT500 antenna tuner, IC-EX309 microprocessor interface connector, SM-8 or SM-10 desk mics, IC-2KL linear amplifier, RC-10 remote controller, SP-7 or SP-3 speakers, IC-EX310 voice synthesizer and GC-5 world clock.

Optional Filters. FL-52A CW 455kHz at 500Hz, FL-53A CW-N 455kHz at 250Hz, FL-63A CW-N 9.0106MHz at 250Hz, FL-33 AM 9.010MHz at 6000Hz, and CR-64 high stability 30.72MHz crystal filter.



(Specifications on reverse side)

HF/VHF/UHF AMATEUR, MARINE AND BUSINESS USE COMMUNICATION EQUIPMENT



ICOM

ICOM INCORPORATED

PHONE : (06)793-5301

6-9-16, Kamihigashi, Hirano-ku, Osaka 547, Japan

FAX:(06)793-0013 TELEX:05277822 ICOMTR J

HF ALL BAND TRANSCEIVER (SSB·CW·RTTY·AM·FM)

IC-751A

SPECIFICATIONS

GENERAL

Frequency coverage

Ham Bands

1.8MHz ~ 2.0MHz
3.45MHz~ 4.1MHz
6.95MHz~ 7.5MHz
9.95MHz~10.5MHz
13.95MHz~14.5MHz
17.95MHz~18.5MHz
20.95MHz~21.5MHz
24.45MHz~25.1MHz
27.95MHz~30.0MHz

General Coverage (Receive Only)

0.1MHz ~30.0MHz

Usable temperature range

—10°C~+60°C(+14°F~+140°F)

Frequency stability

Less than ±200Hz from 1 to 60 minutes after power ON.

Less than ±30Hz after 1 hour at 25°C.

Less than ±350Hz in the range of 0°C +50°C

Current drain

(at 13.8V DC)

Transmitting

At 200W input

Approx. 20.0A

Receiving

At maximum audio output Approx. 1.8A

8.5kg

(322)mm(W)×(120)mm(H)×(385)mm(D)

Weight

Dimensions

TRANSMITTER

RF power

SSB (J3E) : 200W PEP input

CW (A1A) : 200W input

FM (F3E) : 200W input

RTTY (F1A) : 200W input

AM (A3E) : 50W output

More than 40dB below peak power output.

More than 60dB below peak power output.

More than 40dB below peak power output.

Harmonic emissions

Spurious emissions

Carrier suppression

RECEIVER

Sensitivity

(PREAMP ON)

SSB, CW, RTTY

0.1~0.5MHz Less than 0.5μV for 10dB S/N

0.5~1.6MHz Less than 1μV for 10dB S/N

1.6~30.0MHz Less than 0.15μV for 10dB S/N

AM (NARROW FILTER selected)

0.1~ 0.5MHz Less than 3μV for 10dB S/N

0.5~ 1.6MHz Less than 6μV for 10dB S/N

1.6~30.0MHz Less than 1μV for 10dB S/N

FM

28~30MHz Less than 0.3μV for 12dB

SINAD

SSB, CW, RTTY (WIDE FILTER selected),

AM (NARROW)

2.3kHz / —6dB

3.8kHz / —60dB

CW, RTTY

500Hz / —6dB

1.3kHz / —60dB

FM

15kHz / —6dB

30kHz / —50dB

AM (WIDE FILTER

selected)

8kHz / —6dB

18kHz / —50dB

1st: All modes

70.4515MHz

2nd: SSB

9.0115MHz

CW, RTTY

9.0106MHz

FM, AM

9.0100MHz

3rd: All modes

455kHz

4th: SSB

9.0115MHz

CW, RTTY

9.0106MHz

AM

9.0100MHz

Image rejection More than 80dB

Spurious and image

response rejection

Audio output

More than 2.6W at 10% distortion with 8 Ω load.

OPTIONS

IC-2KL	500W LINEAR AMPLIFIER	RC-10	FREQUENCY CONTROLLER
IC-AT500	500W HF AUTOMATIC ANTENNA TUNER	UX-14	CI-IV/CI-V CONVERTER
IC-AT100	100W AUTOMATIC ANTENNA TUNER	CT-16	SATELLITE INTERFACE UNIT
AH-2	HF AUTOMATIC ANTENNA TUNER	CT-17	CI-V LEVEL CONVERTER
IC-PS30	AC POWER SUPPLY (13.8V, 25A)	IC-EX310	VOICE SYNTHESIZER UNIT
IC-PS15	AC POWER SUPPLY (13.8V, 20A)	UT-30	PROGRAMMABLE TONE ENCODER UNIT
IC-PS35	INTERNAL POWER SUPPLY UNIT (13.8V, 20A)	CR-64	HIGH-STABILITY CRYSTAL UNIT
SM-8	DESK MICROPHONE	HP-2	COMMUNICATION HEADPHONES
SM-10	COMPRESSOR/GRAPHIC EQUALIZER DESK TOP MICROPHONE	IC-MB18	MOBILE MOUNTING BRACKET
IC-SP3	EXTERNAL SPEAKER	GC-5	WORLD CLOCK
SP-7	EXTERNAL SPEAKER	WR-200	SWR & POWER METERS
SP-20	EXTERNAL SPEAKER WITH AUDIO FILTERS	WR-2000	



ICOM

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Telex : 521515 ICOMFRA

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Telex : 965179 ICOM G

Your local agent/dealer:

Printed in Japan

ICOM IC-735

HF Transceiver/General Coverage Receiver



ICOM

First in Communications

HF ALL BAND SSB CW AM FM TRANSCEIVER

IC-735

The IC-735 is what you've been asking for...the most compact and advanced full-featured HF transceiver with general coverage receiver on the market.

Ultra Compact. Measuring only 3.7 inches high by 9.5 inches wide by 9.4 inches deep, the 100 watt IC-735 is well-suited for mobile operation in cars, airplanes and boats, as well as for base station operation.

All Band. The IC-735 covers all amateur HF frequencies from 1.8MHz to 30MHz, including the three new bands of 10MHz, 18MHz and 24MHz. The IC-735 also has general coverage receive capability from 100kHz to 30MHz.

All Mode. SSB, CW, FM and AM (transmit and receive) are built-in. The rear panel of the IC-735 has easy-to-access terminals for AFSK (audio frequency shift keying) operation.

Scanning. The IC-735 has three scanning functions...memory scan, programmed scan and mode scan. The memory scan function monitors all the memory channels sequentially. Programmed scan functions between any two programmed frequencies. And mode scan monitors only those memories which contain frequencies with the same mode. Scanning of the frequencies, memories and bands is possible from the transceiver controls, or scan all frequencies from the IC-HM12 scanning microphone which is provided.

Dual Digital VFOs. ICOM's "new feel" dual digital VFOs, with 10Hz tuning steps, and an advanced transfer system between the memories, provide the ultimate in frequency agility. Fine tuning is a snap. The main tuning control and adjacent switches select either 10Hz, 1kHz or 1MHz tuning increments.

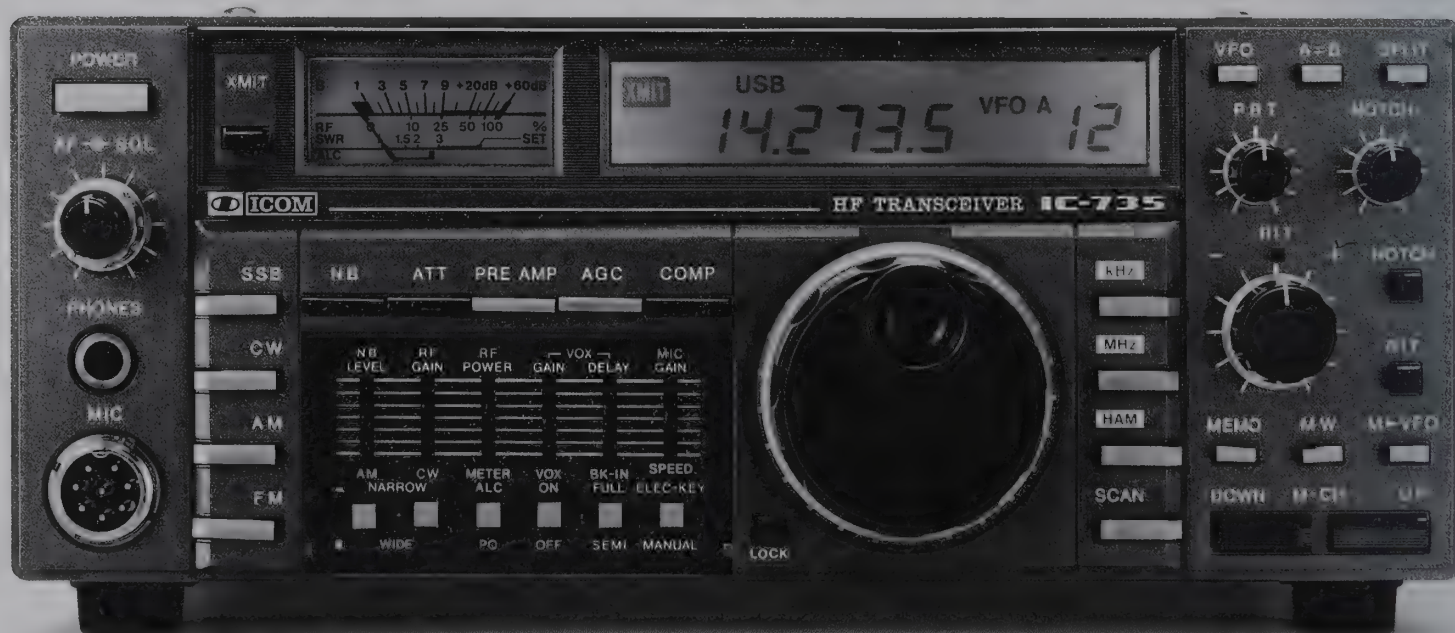
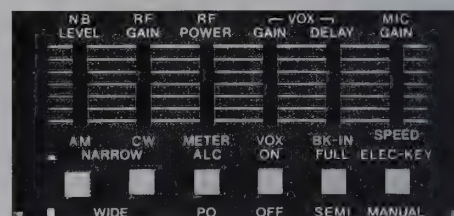
Full QSK. The IC-735 has both full break-in and semi break-in CW capability. This feature is standard.

12V Operation. For mobile applications, the IC-735 comes with a DC power cable for use with a car battery or any other 12-15V DC power source.

SIMPLIFIED FRONT PANEL

LCD Readout. ICOM's new liquid-crystal display with green, illuminating backlight provides high readability even in sunlight. The display indicates the frequency, VFO, operating mode, memory channel, split mode and scan mode. A built-in dimmer circuit allows adjustment of the backlighting.

Switch Panel. Controls which require rare adjustment are placed behind a protective cover on the front panel. Controls included on the switch panel are noise blanker level, RF gain, RF power, VOX, BK-IN, SPEED, FULL, ELEC-KEY.

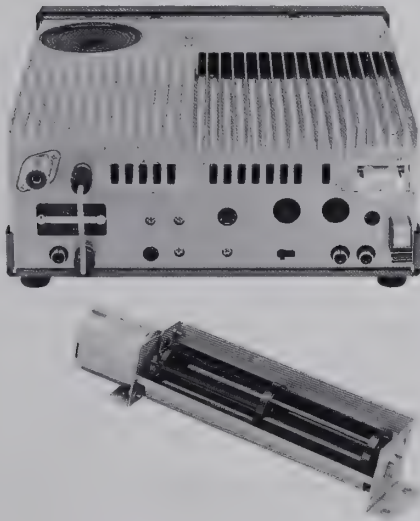


ICOM'S Compact

gain, VOX delay, mic gain, filter selection, meter function, CW break-in and CW electronic keyer/manual switch.

SUPERIOR PERFORMANCE

The IC-735 is a high performer on all the ham bands, and as a general coverage receiver, the IC-735 is exceptional.



TRANSMITTER

100% Duty Cycle. ICOM utilizes a squirrel-cage fan installed in a newly designed heatsink for cooling purposes. Under normal operating conditions, the IC-735 will continue to transmit with no power reduction in an ambient temperature of 25°C even when transmitting for extended periods of time.

A monitor circuit controls the supply of cool air. At the beginning of a transmission, the fan operates at low speed to supply cool air. If the PA unit reaches a temperature of 50°C, the fan motor increases to medium speed; and at 90°C the fan runs at its highest speed.

Speech Compressor. The IC-735 has a low-distortion, AF speech compressor circuit which provides greater talk power. By increasing the average power of the transmitted signal, better communications is possible under weak signal conditions.

RECEIVER

105dB Dynamic Range. The IC-735 has a 105dB dynamic range and is an extremely quiet, birdy-free receiver thanks to its 70.451MHz first IF circuit which uses 2 high-quality, crystal filters to virtually eliminate spurious responses.

DFM System. The ICOM DFM (Direct Feed Mixer) feeds the incoming signals directly into the high-level first mixer stage. Developed by ICOM, this advanced system produces a higher spurious response rejection ratio, a higher receiver sensitivity, and a wider dynamic range.

Preamp and Attenuator. A 10dB preamplifier and a 20dB attenuator are built-in. The preamp increases receiver sensitivity while the attenuator provides added protection from strong adjacent stations.

PBT and Notch Control. The IC-735 has a built-in passband tuning system that allows continuous width adjustment of the IF passband. In addition, a sharp IF notch filter provides clear reception even in the presence of a strong interfering signal.

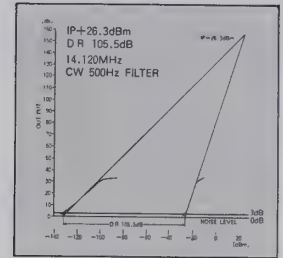
New PLL. The IC-735 has superior frequency stability and receive sensitivity by virtue of ICOM's newly developed PLL (phase-locked loop) system. With an extremely low carrier-to-noise ratio, the IC-735 provides extremely quiet reception. Additionally, a newly designed, temperature-stabilized reference oscillator provides rock-solid stability.

OPTIONS

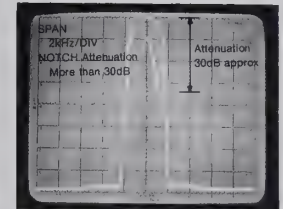
Options include a new line of accessories, including the AT-150 automatic antenna tuner and the PS-55 power supply. For the CW operator, the IC-EX243 electronic keyer unit is available, as well as an FL-32 500Hz, 9MHz and an FL-63 250Hz, 9MHz CW filter.

For 29MHz repeater operation, ICOM offers a UT-30 subaudible tone encoder. Also available is an assortment of antenna tuners, speakers and microphones to complete your system.

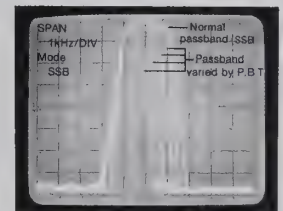
Intercept point and dynamic range



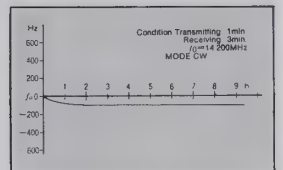
Notch filter characteristic



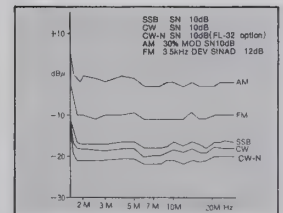
Passband tuning operation



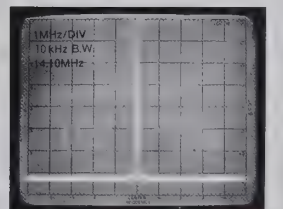
Frequency stability characteristic



Receiver sensitivity characteristic



Transmission spurious characteristic



act Advantage

SPECIFICATIONS

GENERAL

Number of semiconductors	: Transistors	124
	FETs	18
	Diodes	258
	ICs (Includes CPU)	42
Frequency coverage	: Ham Bands	
	1.8MHz ~ 2.0MHz	
	3.4MHz ~ 4.1MHz	
	6.9MHz ~ 7.5MHz	
	9.9MHz ~ 10.5MHz	
	13.9MHz ~ 14.5MHz	
	17.9MHz ~ 18.5MHz	
	20.9MHz ~ 21.5MHz	
	24.4MHz ~ 25.1MHz	
	27.9MHz ~ 30.0MHz	
	General Coverage (Receive Only)	
	0.1MHz ~ 30.0MHz	
Usable temperature range	: -10°C ~ +60°C (+14°F ~ +140°F)	
Frequency control	: CPU based 10Hz step digital PLL synthesizer.	
	Independent Transmit/Receive frequency available.	
Frequency readout	: 6 digit 100Hz illuminated LCD	
Frequency stability	: Less than ±200Hz from 1 minute after switch ON to 60 minutes.	
	Less than ±30Hz after 1 hour at 25°C	
	Less than ±500Hz in the range of 0°C ~ +50°C	
Power supply requirements	: 13.8V DC ±15% (negative ground)	
	Current drain 20A maximum at 200W input.	
	AC power supply is available for AC operation.	
Current drain (at 13.8V DC)	: Transmitting	
	At 200 watts input	Approx. 20A
	Receiving	
	At maximum audio output	Approx. 1.5A
	Squelched	Approx. 1.2A
Antenna impedance	: 50 ohms unbalanced	
Weight	: 5kg (Includes options FL-32, IC-EX243 and UT-30.)	
Dimensions	: 94(107)mm(H) x 241(244)mm(W) x 239(272)mm(D)	
	() Dimensions include projections.	

TRANSMITTER

RF power	: SSB (A3J) : 200 watts PEP input
	CW (A1) : 200 watts input
	AM (A3) : 40 watts output
	FM (F3) : 200 watts input
	Continuously adjustable output power from 10 watts to maximum.

Emission modes	: A3J (J3E) SSB (Upper and Lower Sideband)
	A1 (A1A) CW
	A3 (A3E) AM
	F3 (F3E) FM
Harmonic output	: More than 40dB below peak power output.
Spurious output	: More than 50dB below peak power output.
Carrier suppression	: More than 40dB below peak power output.
Unwanted sideband	: More than 50dB down at 1000Hz AF input.
Microphone	: 600 ohm electret condenser microphone with push-to-talk switch and scanning buttons.

RECEIVER

Receive system	: Triple conversion superheterodyne with continuous bandwidth control.
Receive modes	: A3J (J3E) SSB (Upper and Lower Sideband)
	A1 (A1A) CW
	A3 (A3E) AM
	F3 (F3E) FM
Intermediate frequencies	: 1st: SSB, AM, FM 70.4515MHz
	CW 70.4506MHz
	2nd: SSB, AM, FM 9.0115MHz
	CW 9.0106MHz
	3rd: SSB, CW, AM, FM 455kHz
Sensitivity	: SSB, CW
(PRE AMP ON on 1.6 ~ 30MHz)	0.1 ~ 1.6MHz Less than 1.0μV for 10dB S/N
	1.6 ~ 30MHz Less than 0.15μV for 10dB S/N
	AM (NARROW FILTER selected)
	0.1 ~ 1.6MHz Less than 6μV for 10dB S/N
	1.6 ~ 30MHz Less than 1μV for 10dB S/N
	FM
	1.6 ~ 30MHz Less than 0.5μV for 12dB SINAD
Squelch sensitivity	: FM 0.3μV
Selectivity	: SSB, CW 2.3kHz @ -6dB, 4.0kHz @ -60dB
	AM 6.0kHz @ -6dB, 18kHz @ -50dB
	FM 15kHz @ -6dB, 30kHz @ -60dB
Spurious and image response rejection	: More than 80dB
Notch filter attenuation	: More than 30dB
Audio output	: More than 3 watts @ 10% distortion with 8 ohm load.
Audio output impedance	: 8 ohms

ACCESSORIES

AT-150	AUTOMATIC ANTENNA TUNER (Matching style and size with IC-735)	SM-8	DESK MICROPHONE
IC-2KL	500W LINEAR AMPLIFIER	IC-SM6	DESK MICROPHONE
IC-AT500	AUTOMATIC ANTENNA TUNER	IC-HP1	COMMUNICATION TYPE HEADPHONES
PS-55	AC POWER SUPPLY 13.8V, 20A	IC-EX243	ELECTRONIC KEYS UNIT
IC-PS30	AC POWER SUPPLY 13.8V, 25A	UT-30	PROGRAMMABLE TONE ENCODER UNIT (88.5Hz preset)
IC-SP3	EXTERNAL SPEAKER	FL-32	CW NARROW FILTER (500Hz/-6dB)
SP-7	EXTERNAL SPEAKER WITH MATCHING STYLE AND SIZE	FL-63	CW NARROW FILTER (250Hz/-6dB)
IC-MB5	MOBILE MOUNTING BRACKET		



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Telex: 71-35521 ICOMAS AA35521

All stated specifications are approximate and subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions.

ICOM

U.S. Amateur Radio

Retail

Price List

June 15, 1988

BASES MOBILES HANDHELDS REPEATERS AMPLIFIERS RECEIVERS

HF

IC-781				
IC-761	IC-735			
IC-751A			IC-2KL	IC-R71A

VHF

IC-275A/H	IC-28A/H	IC- μ 2AT	IC-ML1	IC-R7000
	IC-228A/H	IC-02AT	IC-ML25	
	IC-3200A	IC-2A/AT		
	IC-3210	IC-2GAT		
		IC-32AT		

UHF

IC-475A/H	IC-47A	IC-04AT	RP-3010	IC-R7000
	IC-48A	IC-4AT		
	IC-3200A	IC- μ 4AT		
	IC-3210	IC-4GAT		
		IC-32AT		

1.2GHz

IC-1200	IC-12AT	RP-1210	IC-R7000
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220MHz

IC-375A	IC-37A	IC-3AT	RP-2210	IC-R7000
	IC-38A	IC-03AT		

6 METER

IC-575A/H	IC-R7000
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MULTI-BAND

IC-900	
UX-19A	10 Meter 10 Watt Band Unit
UX-29A	2 Meter 25 Watt Band Unit
UX-29H	2 Meter 45 Watt Band Unit
UX-39A	220MHz 25 Watt Band Unit
UX-49A	440MHz 25 Watt Band Unit
UX-59A	6 Meter 10 Watt Band Unit
UX-129A	1.2GHz 10 Watt Band Unit

ICOM AMERICA, INC.

Corporate Headquarters: 2380-116th Ave NE, Bellevue, WA 98004

Phone: (206) 454-8155

Customer Service Hotline (206) 454-7619

HF TRANSCEIVERS

MODEL	SUG HAM NET	
IC-735	\$ 1099.00	HF All Ham Band, General Coverage Receiver, 12V
IC-751A	1699.00	HF All Ham Band, General Coverage Receiver, 12V
IC-761	2699.00	HF All Ham Band, General Coverage Receiver, Built-in Antenna Tuner and PS
IC-781	5995.00	HF All Ham Band, General Coverage Receiver, Built-in Antenna Tuner and Power Supply, Spectrum Scope

BASE STATIONS

IC-275A	\$1299.00	2M XCVR, 12V AC, FM/SSB/CW 25W, Internal Power Supply
IC-275H	1399.00	2M XCVR, 12V, FM/SSB/CW, 100W
IC-375A	1399.00	220MHz XCVR, FM/SSB/CW, 25W Internal Power Supply
IC-475A	1399.00	430-450MHz XCVR, FM/SSB/CW, 25W Internal Power Supply
IC-475H	1599.00	430-450MHz XCVR, 12V, FM/SSB/CW, 100W
IC-575A	1399.00	6M/10M XCVR, FM/SSB/CW, 10W, Internal Power Supply
IC-575H	1699.00	6M/10M XCVR, FM/SSB/CW, 100W

RECEIVERS

IC-R71A	\$999.00	100kHz to 30MHz Rcvr, Keyboard Entry, 117V AC
IC-R7000	1199.00	25 to 1300+ MHz Rcvr, Keyboard Entry, 117V AC

MOBILES

IC-28A	\$469.00	2M FM, 25W, Syn, 21 Memo, 12V DC, HM-14 Std.
IC-28H	499.00	2M, FM, 45W, Syn, 21 Memo, 12V DC, HM-14 Std.
IC-37A	499.00	220MHz FM, 25W, Syn, 12V HM-23
IC-38A	489.00	220MHz FM, 25W, Syn, 21 Memo, 12V DC, HM-14
IC-47A	549.00	440MHz FM, 25W, Syn, 9 Memo, 12V DC, HM-23
IC-48A	509.00	440MHz FM, 25W, Syn, 21 Memo, 12V DC, HM-14
IC-228A	509.00	2M FM, 25W, Syn, 21 Memo, 12V DC, HM-14 Std., Multi-color LCD
IC-228H	539.00	2M FM, 45W, Syn, 21 Memo, 12V DC, HM-14 Std., Multi-color LCD
IC-900	639.00	Fiber Optic Multi-Band Controller, Interface A and B, SP8 Speaker, HM-14, Fiber Optic Cabling
Band Units:		
UX-19A	299.00	28-30MHz 10W Band Unit for IC-900
UX-29A	299.00	138-174MHz Rx, 140.1-150MHz Tx
UX-29H	349.00	25W Band Unit for IC-900
UX-39A	349.00	138-174MHZ Rx, 140.1-150MHz Tx
UX-49A	349.00	45W Band Unit for IC-900
UX-59A	349.00	216-236MHz Rx, 220-225MHz Tx
UX-129A	549.00	25W Band Unit for IC-900
IC-1200	699.00	440-450MHz 25W Band Unit for IC-900
IC-3200A	649.00	50-54MHz 10W Band Unit for IC-900
IC-3210	739.00	1240-1300MHz 10W Band Unit for IC-900
		1.2GHz, FM, 10W, HM-12
		2M/70cm, 25W, HM-14, Internal Duplexer
		2M/70cm, 25W, HM-14, Internal Duplexer, Multi-colored LCD

REPEATERS

MODEL	SUG HAM NET	
RP-1210	\$1529.00	1.2GHz, Syn, ID'er, DTMF, 10W, CTCSS, Dip Switch Programmable
RP-2210	1649.00	220MHz, 25W, CTCSS, ID'er, DTMF, Dip Switch Programmable
RP-3010	1299.00	440MHz, 10W, CTCSS, ID'er, DTMF, Crystal Controlled

HANDHELDS

IC-2A	\$289.00	2M Syn HH NiCd/Charger
IC-2AT	319.00	2M Syn HH w/DTMF, NiCd/Charger
IC-2GAT	429.00	2M Syn HH w/DTMF, NiCd/Charger
IC-02AT	409.00	2M 5W Syn HH w/DTMF, NiCd/Charger
IC-μ2AT	329.00	2M Syn HH w/DTMF, NiCd/Charger
IC-3AT	349.00	220MHz Syn HH w/DTMF, /NiCd/Charger
IC-03AT	449.00	220MHz Syn HH w/DTMF, NiCd/Charger
IC-4AT	349.00	440MHz Syn HH w/DTMF NiCd/Charger
IC-4GAT	449.00	440MHz Syn HH w/DTMF NiCd/Charger
IC-04AT	449.00	440MHz Syn HH w/DTMF, NiCd/Charger
IC-μ4AT	369.00	440MHz Syn HH w/DTMF, NiCd/Charger
IC-12AT	473.00	1.2GHz 1260-1299.99MHz Syn HH w/DTMF, NiCd/Charger
IC-32AT	629.00	2M/440MHz Syn HH w/DTMF, NiCd/Charger

AMPLIFIERS

IC-2KL w/PS	\$1999.00	15-160M Standard Solid State Amplifier – IC-701/720/730/740/745/751/751A/761
ML1	110.00	2.3-10W MBL Booster – IC-2A/2AT/02AT/μ2AT
ML25	169.00	25W 2M Linear Amplifier – IC-2A/2AT/02AT/μ2A/μ2AT

ANTENNA TUNERS/SELECTORS

AH2	\$659.00	1.8MHz-30MHz Antenna Tuning System (includes Controller Unit, Tuner Unit and Antenna Element)
AH2A	519.00	1.8MHz-30MHz Antenna Tuning System (includes Controller Unit and Tuner Unit)
AT100	445.00	Automatic Antenna Tuner – 100W
AT150	445.00	Automatic Antenna Tuner – 100W
AT500	589.00	Automatic Antenna Tuner – 500W
EX627	315.00	Automatic Antenna Selector

SPEAKERS

SP3	\$65.00	Base Station External Speaker
SP4	32.00	Speaker for Portables, Small Size
SP5	32.00	Speaker for Mobiles, Heavy Duty
SP7	51.99	Adjustable Base Speaker for Base Stations
SP8	35.99	Slim Line External Speaker with Visor Clip for Mobiles
SP10	35.99	4 Ohm Speaker for Mobiles, Rectangular
SP20	149.00	External Speaker/Audio Filters for Base Stations

POWER SUPPLIES

PS15	\$175.00	12V Power Supply - IC-271/471/720/730/740/745/751/751A/761
PS25	125.00	Internal Power Supply - IC-271A/471A/1271A
PS30	349.00	External Power Supply for up to 4 ICOM Transceivers
PS35	219.00	Internal Power Supply for IC-271H/471H/745/751/751A
PS45	145.00	Slim-line External Power Supply for IC-120/22U/25A/27A/28A/290A/37A/38A/45A/47A/48A/490A/1200
PS55	219.00	External Power Supply for IC-735/275A/275H/375A/475A/475H/575A

MICRO HANDHELD ACCESSORIES

MODEL	SUG HAM NET	
AD-10	\$13.99	Charger Adapter for BC-35 Desktop Charger
AD-11	10.99	Battery Pack Adapter for BP-2, BP-3, BP-4, BP-5 and BP-8
BC-16U	21.25	Wall Charger for BP-23 and BP-24 Battery Packs
BC-25U	16.99	Wall Charger for BP-21 and BP-22 Battery Packs (comes with Micro)
BC-50	79.00	Desktop Quick Charger for all Micro Battery Packs (except BP-20)
BP-20	16.00	Alkaline Battery Case
BP-21	35.99	120mAH at 7.2V NiCd Battery Pack
BP-22	39.50	270mAH at 8.4V NiCd Battery Pack
BP-23	49.00	600mAH at 8.4V NiCd Battery Pack
BP-24	51.50	600mAH at 10.8V NiCd Battery Pack
IC-CP1	13.65	Cigarette Lighter Plug and Cord
DC-25	24.50	DC-DC Converter
FA-140BA	12.00	Replacement Antenna for IC-μ2A/μ2AT
FA-430B	12.00	Replacement Antenna for IC-μ4AT
IC-HM9	47.00	Speaker Mic
HM-46L	31.99	Speaker Mic for IC-μ2A/μ2AT/μ4AT
HS-10	24.50	Headset with Boom Mic
HS-10SA	24.50	VOX Unit for use with HS-10
HS-10SB	24.50	PTT Unit for use with HS-10
LC-24	13.99	Carrying Case - IC-μ2A with BP-21 Battery Pack
LC-25	13.99	Carrying Case - IC-μ2A with BP-20 Battery Pack
LC-26	13.99	Carrying Case - IC-μ2A with BP-22, BP-23 and DC-25
LC-27	13.99	Carrying Case - IC-μ2A with BP-24 Battery Pack
LC-28	19.50	Carrying Case - IC-μ2AT/μ4AT with BP-21 Battery Pack
LC-29	19.50	Carrying Case - ICμ2AT/μ4AT with BP-20 Battery Pack
LC-30	19.50	Carrying Case - IC-μ2AT/μ4AT with BP-22
LC-31	19.50	Carrying Case - IC-μ2AT/μ4AT with BP-24 Battery Pack
MB-20	4.15	Belt Clip - IC-μ2AT/μ4AT
MC-22	7.50	Alligator Clip - IC-μ2AT/μ4AT
S-Strap	16.99	Shoulder Strap for Micro
UT-37	45.00	Tone Squelch Unit
UT-38	27.50	DTMF Unit for IC-μ2A
UT-39	20.99	Tone Encoder Units for IC-μ2A

ALL OTHER ACCESSORIES

AD12	\$24.50	External 13.8V DC Power Supply Adapter for IC-2GAT/4GAT/32AT
AG1	99.50	External Mast-Mounted Preamp for use with IC-451A/471A
AG20	79.00	Internal Preamp for use with IC-271A
AG25	99.75	External Mast-Mounted Preamp. for use with IC-271H/275H/275A
AG30	116.99	Preamp for IC-375A
AG35	99.75	External Mast-Mounted Preamp for use with IC-471H/475H/475A
AG1200	105.00	1200MHz Preamplifier for IC-1271A
AH32	39.00	Dual Band Antenna for use with IC-3200A
AHB32	35.00	Trunk mount bracket for AH-32
AH610	109.00	6M/10M Dual Band Antenna for IC-575A/575H
AH7000	99.00	Radiating Antenna - IC-R7000
BC16U	21.25	Wall Charger - BP-7/BP-8
BC25U	16.99	Wall Charger - BP-3 Battery Pack
BC35	79.00	Drop-in Desk Charger - All Batteries
BP2	49.00	425mAH at 7.2V NiCd Pack
BP3	39.50	250mAH at 8.4 NiCd Pack
BP4	16.00	Alkaline Battery Case
BP5	65.00	425mAH at 10.8V NiCd Pack
BP7	79.00	425mAH at 13.2V NiCd Pack - IC-02AT/03AT/04AT Only
BP8	79.00	800mAH at 8.4V NiCd Pack - All Handhelds
BP70	69.00	270mAH at 13.2V NiCd Pack - IC-2GAT/4GAT/32AT
CA3	15.00	Flexible Antenna - IC-3AT/03AT

MODEL	SUG HAM NET	
CA4	\$15.00	1/2 Wave Telescoping Antenna - IC-2AT/02AT
CA5	19.95	5/8 Wave Telescoping Antenna - IC-2A/2AT/02AT
CA6	19.95	140MHz 1/2 Wave Telescoping Antenna
CA7	19.95	220MHz 1/2 Wave Telescoping Antenna
CF11	56.00	Cooling Fan for IC-900
CP1	13.65	Cigarette Lighter Plug and Cord - IC-2A/2AT with DC1 or IC-02AT/03AT/04AT/12AT or IC-μ2A/μ2AT/μ4AT with DC-25
CP10	22.50	Battery Separator Cable for all Handhelds except IC-μ2A/μ2AT/μ4AT
CR64	79.00	High Stability Oscillator Crystal - IC-751/751A/R71A/275A/275H/475A/475H/375A/575A
CT16	97.50	Satellite Interface Unit
CT17	97.50	Communication Interface-V (CI-V)
DC1	24.50	Level Converter
DM10	62.00	DC Operation Pack - for IC-2AT/3AT/4AT
DM20	35.00	Pen-type Digital Multimeter
EX241	24.50	Pocket-type Digital Multimeter
EX242	49.00	Marker Unit - For Frequency Calibration - IC-740/745
EX243	64.50	FM Unit - IC-740/745
EX248	64.50	Electronic Keyer Unit - IC-735/740/745
EX257	49.00	FM Unit - IC-505
EX299	12.99	FM Unit - IC-R70/R71A
EX309	59.00	12 Volt Option - IC-R70/R71A/R7000 (CK70)
EX310	59.00	Microprocessor Interface Connector - IC-271A/271H/471A/471H/751/751A/R71A/1271A
EX390	5.99	Voice Synthesizer - IC-271A/271H/471A/471H/751A/R71A/1271A/761
FA2	12.00	Bottom Slide Cap - All Handhelds except IC-μ2A/μ2AT/μ4AT
FA3	12.00	Flexible Antenna - IC-2A/2AT/02AT
FL32A	69.00	Flexible Antenna - IC-4A/4AT/04AT
FL33	49.00	500Hz 9MHz CW Filter - IC-735/751/R70/R71A/375A/475A/475H
FL44A	178.00	6.0Hz 9MHz AM Filter - IC-751/751A
FL45	69.00	455kHz SSB Crystal Filter - IC-730/740/745/R70/R71A/751
FL52A	115.00	500Hz CW Narrow Crystal Filter - IC-730/740/745
FL53A	115.00	500Hz 455kHz CW Filter - IC-745/751/751A
FL54	59.00	250Hz 455kHz CW Filter - IC-745/751/751A/761
FL63A	59.00	270Hz 9MHz CW Filter - IC-730/740/745
FL70	59.00	250Hz 9MHz CW Narrow Filter -IC-R70/R71A/730/735/751/751A/475A/475H/575A
FL83	85.00	SSB 9MHz, 2.8KHz Filter - IC-751/751A
FL100	76.99	500Hz CW Filter - IC-275A/275H
FL101	73.50	500Hz CW Filter - IC-575A/575H
FL102	59.00	CW/RTTY Filter - IC-761
GC5	91.95	9MHz AM Crystal - IC-761
HM4	35.00	World Clock
HM5	40.00	Microphone, 7 Pin - RP-1210/ RP-2210/RP-3010
HM7	32.50	Microphone, 4 Pin, Noise Cancelling
HM8	59.00	Microphone, Amplified, 8 Pin
HM9	47.00	8 Pin Amplified Mic with Tone Encoder
HM10	47.00	Speaker Mic - IC-2A/2AT/3AT/4AT/02AT/03AT/04AT/12AT/μ2AT/μ4AT
HM11	47.00	Scanning Mic - IC-25A(Red LED)/255A/260A/290A/730
HM12	47.00	Scanning Mic - IC-25A(Green LED)/25H/290A/490
		Scanning Mic - IC-271/471/735/745/751/751A

MODEL	SUG HAM NET		MODEL	SUG HAM NET	
HM14	\$59.00	Scanning/Touchtone™ Mic - IC-28A/ 28H/38A/45A/48A	MB17	\$25.99	Mobile Mounting Bracket - IC-27A/ 37A/47A
HM16	34.00	Scanning Speaker Mic - IC-27A/27H/ 28A/28H/38A/48A	MB18	25.99	Mobile Mounting Bracket - IC-271/ 471/751A
HM23	59.00	Scanning/Touchtone™ Mic - IC-27A/ 27H/37A/47A	MB19	42.99	Rack Mount Handles - IC-761
HM36	47.00	Scanning Mic for IC-735/745/751/751A/ 761	MB21	13.65	Bracket for IC-900 Controller Unit
HM46	31.99	Speaker Mic for IC-2AT/02AT/3AT/03AT/ 4AT/04AT/12AT	MB23	7.99	Carrying Handle for IC-275A/ 275H/375A/475A/475H/575A
HP2	43.50	Headphones - All Base Stations	MB28A	12.99	Mobile Mounting Bracket - IC-28A
HS10	24.50	Headset for ICOM Handhelds, Mobiles and Base Stations	MB28H	12.99	Mobile Mounting Bracket - IC-28H/38A/48A
HS10SA	24.50	VOX Unit for Handheld use with HS-10 — IC-02AT/03AT/04AT/μ2AT/ μ4AT/12AT	Phone Patch RC10	179.00	Phone Patch - IC-701/720/730/ 740/745/751/751A - Specify Model
HS10SB	24.50	PTT Switch Box for Handheld use with HS-10 - All Handhelds	RC11	49.00	10 Key Frequency Controller - IC-751/751A Only
HS15	34.50	Mobile Microphone — All Mobiles and Base Stations	RC12	70.99	Infrared Remote Controller - IC-R71A
HS15SB	25.99	PTT Switchbox for Mobile use with HS-10 or HS-15 - All Mobiles and Base Stations	SM5	70.99	Infrared Remote Controller - IC-R7000
LC2AT	54.50	Leather Carrying Case - IC-2AT with BP-3 Battery Pack	SM6	47.95	8 Pin Base Mic - IC-25A/25H/251A/ 255A/260A/290/451/720/730/740
LC02AT	54.50	Leather Carrying Case - IC-02AT/04AT with BP-7/BP-8 Battery Packs	SM8	47.95	Desk Mic - IC-271A/271H/471A/ 471H/745/751/751A/735/761
LC5	20.50	Carrying Case - IC-2AT/3AT/4AT with BP-5 Battery Pack	SM10	89.00	Desk Mic with Two Cables - All Base Stations
LC7	20.50	Carrying Case - IC-2AT/3AT/4AT with BP-2/BP-3 Battery Packs	Shoulder Strap TV-1200	149.00	Graphic Equalizer Desk Mic - All Base Stations
LC11	20.50	Carrying Case - IC-02AT/03AT/04AT with BP-3 Battery Pack	TV-R7000	16.95	Handheld Shoulder Strap
LC12	20.50	Carrying Case - IC-02AT/03AT/04AT with BP-5 Battery Pack	UT15	139.00	ATV Unit for IC-1271A
LC14	20.50	Carrying Case - IC-02AT/03AT/04AT with BP-7/BP-8 Battery Packs	UT15S	139.00	TV Adapter for IC-R7000
LC38	19.50	Carrying Case — IC-2GAT/4GAT with BP-2/BP-3/BP-4 Battery Packs	UT16	34.00	Interface Board for TS32 Encoder/ Decoder - IC-271A/271H/471A/ 471H/1271A
LC39	19.50	Carrying Case — IC-2GAT/4GAT with BP-5/BP-70 Battery Packs	UT16 (EX388)	96.00	Interface Board with TS32 Encoder/ Decoder - IC-271A/271H/471A/ 471H/1271A
LC40	19.50	Carrying Case — IC-2GAT/4GAT with BP-5/BP-7/BP-8 Battery Packs	UT23	34.99	Voice Synthesizer - IC-27A/27H/ 37A/47A
LC41	19.50	Carrying Case — IC-32AT with BP-2/BP-3/BP-4 Battery Packs	UT28	34.99	Voice Synthesizer - IC-3200A
LC42	19.50	Carrying Case — IC-32AT with BP-5/BP-70 Battery Packs	UT29	39.50	Digital Code Squelch Unit for IC-28A/28H/38A/48A
LC43	19.50	Carrying Case — IC-32AT with BP-7/BP-8 Battery Packs	UT30	46.00	Tone Squelch Unit for IC-28A/28H 38A/48A
Owners Manual	7.50	Any Manual - UHF, VHF - Specify Model	UT34	18.50	Tone Encoder Unit for IC-735
Owners Manual	11.50	Owners Manual - HF, Receivers - Specify Model	UT36	51.99	Tone Squelch for IC-275A
Service Manual	20.00	Service Manual - Handheld/Mobile - Specify Radio	UT40	35.99	Voice Synthesizer for IC-275/475
Service Manual	25.00	Service Manual - Base - Specify Radio	UX14	45.00	Tone Squelch/Beeper Unit for IC-2GAT/ 4GAT/32AT
MB2	25.99	Mobile Mounting Bracket - IC-202/215/ 402/502	3A-TTN	72.50	CI-IV/CI-V Converter for IC-R71A/ 271A/271H/471A/471H/751/751A/ 1271A
MB5	25.99	Mobile Mounting Bracket - IC-211/ 251/451/551/551D/701/720/730/ 735		49.00	Optional 16-Button TT Pad - IC-2A
MB7	25.99	Mobile Mounting Bracket - IC-245 Sideband	<div> <div> ICOM Corporate Headquarters 2380 - 116th Ave. N.E. Bellevue, WA 98007 (206) 454-8155 Customer Service Hotline (206) 454-7619 </div> <div> Regional Customer Service Center 3071 - #5 Road, Unit 9 Richmond, B.C., V6X 2T4 Canada (604) 273-7400 </div> </div>		
MB9	25.99	Mobile Mounting Bracket - IC-290			
MB10	25.99	Mobile Mounting Bracket - IC-25A/ 25H/3200A/28A/28H/38A/48A	<div> <div> Regional Customer Service Center 3150 Premier Drive, Suite 126 Irving, TX 75063 (214) 550-7525 </div> <div> Regional Customer Service Center 1777 Phoenix Parkway, Suite 201 Atlanta, GA 30347 (404) 991-6166 </div> </div>		
MB11	25.99	Mobile Mounting Bracket - IC-22U/ 225/230/245/280			
MB12	25.99	Mobile Mounting Bracket - IC-740/ 745/R70/R71A/R7000			
MB16D	25.99	Stainless Steel Wall Storage Unit - All Handhelds			

ICOM America, Inc., 2380-116th Ave NE, Bellevue, WA 98004 (206) 454-8155
Customer Service Hotline (206) 454-7619

3150 Premier Drive, Suite 126, Irving, TX 75063 (214) 550-7525 / 1777 Phoenix Parkway, Suite 201, Atlanta GA 30349 (404) 991-6166
ICOM CANADA, A Division of ICOM America, Inc., 3071 - #5 Road, Unit 9, Richmond, B.C. Canada V6X 2T4 (604) 273-7400

All stated specifications are subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions. AMAPL688



IC-32

IC-32A (U.S.A. version)
IC-32AT (U.S.A. version)
IC-32E (Europe version)

DUAL BAND FM TRANSCEIVER

Carry 2 meters and 70cm wherever you go – in one compact handheld. No other dual band handheld on the market gives you so many features. Transmit on one frequency and receive on the other, and you're operating full duplex. It's just like talking on the telephone. Tough and splash resistant, this easy to operate rig will give you many hours of dual band fun.

FEATURES

- TWO BANDS IN ONE HANDHELD
- FULL DUPLEX CROSSBAND OPERATION
- 20 DOUBLE-SPACED MEMORY CHANNELS
- HIGH OUTPUT POWER
- PROGRAMMED, MEMORY AND SELECTED BAND MEMORY SCANS
- FOUR PRIORITY WATCH FUNCTIONS
- "DIAL SELECT" FOR QUICK QSYing
- ONE CALL CHANNEL PER BAND
- PROGRAMMABLE OFFSET FREQUENCY
- TONE SQUELCH AND POCKET BEEP (optional)
- SELECTABLE TUNING STEPS
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-32AT)
- 1750Hz TONE CALL (Europe)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) VHF: Rx 138.00 ~ 174.00MHz, * Tx 140.00 ~ 150.00MHz, * UHF: 440.00 ~ 450.00MHz, (Europe version) VHF: 144.00 ~ 146.00MHz, UHF: 430.00 ~ 440.00MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** IC-32A/AT: 5, 10, 15, 20 or 25kHz, IC-32E: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain (at 13.2V DC):** HIGH: VHF 2.0A, UHF 2.2A, LOW: VHF 900mA, UHF 1.0A • **Dimensions (with BP-70):** 65mm (2.6") (W) × 180.5mm (7.1") (H) × 35mm (1.4") (D). With BP-3: 159mm (6.3") (H) • **Output power (at 13.2V DC):** HIGH: VHF 5.5W, UHF 5.0W, LOW: VHF 1.0W, UHF 1.0W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.158μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load



IC-2G

IC-2GA (U.S.A. version)
IC-2GAT (U.S.A. version)
IC-2GE (Europe version)

VHF FM TRANSCEIVER

Icom's newest 2 meter handheld transceiver has been designed for your convenience. The simple and well laid-out panels ensure quick and easy operation of all its many functions. It's tough and splash resistant. You can take it everywhere and still be assured of top-notch performance. Its powerful 7W will hit that distant repeater.

FEATURES

- 7W OUTPUT WITH BP-7 or BP-70
- AUTOMATIC POWER SAVER
- SPLASH RESISTANT
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TONE SQUELCH AND POCKET BEEP (optional for IC-2GA/GAT)
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-2GAT)
- BUILT-IN 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-2GAT)

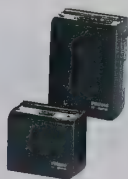
SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx 138.00 ~ 174.00MHz, * Tx 140.00 ~ 150.00MHz, * (Europe version) 144.00 ~ 146.00MHz, (*Specifications guaranteed 144.00 ~ 148.00MHz) • **Tuning step increment:** IC-2GA/GAT: 5, 10, 15, 20 or 25kHz, IC-2GE: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground • **Current drain (at 13.2V DC):** HIGH 1.8A, LOW 900mA • **Dimensions:** 65mm (2.6") (W) × 151mm (5.9") (H) × 35mm (1.4") (D) with BP-70, With BP-3: 130mm (5.1") (H) • **Output power (at 13.2V DC):** HIGH 7W, LOW 1W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load

OPTIONS



BC-35
BC-36
AC BATTERY CHARGER



BP-8
BATTERY PACK
BP-4
BATTERY CASE



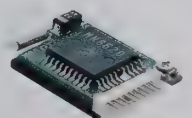
HM-46/L
SPEAKER-
MICROPHONE



CP-1
CIGARETTE
LIGHTER CABLE



CP-10
BATTERY
SEPARATION CABLE



UT-40
TONE SQUELCH
UNIT

Ask your dealer for a detailed brochure. 15

IC-μ2

IC-μ2A (U.S.A. version)
IC-μ2AT (U.S.A. version)
IC-μ2E (Europe version)



144MHz FM TRANSCEIVER

This rig is so compact you can fit it inside your shirt pocket. But Icom has designed this rig with all the basic features you need for 2 meter simplex and repeater operation.

* The photograph shows the IC-μ2A with the optional BP-21 BATTERY PACK.

FEATURES

- 2.6W OUTPUT WITH OPTIONAL BP-24 BATTERY PACK
- POCKET SIZE
- AUTOMATIC POWER SAVER
- 10 MEMORY CHANNELS
- DIGITAL TOUCHSTEP TUNING SYSTEM
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-μ2AT)
- BATTERY PACK, WALL CHARGER, FLEXIBLE ANTENNA AND HAND-STRAP INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Rx 140.000 ~ 163.000MHz, *Tx 140.000 ~ 149.995MHz* (Europe version) 144.0000 ~ 146.9875MHz (*Specifications guaranteed 144.000 ~ 147.995MHz) • **Tuning step increment:** (U.S.A. version) 5kHz, (Europe version) 12.5kHz • **Power supply requirement:** 5.5 ~ 12.0V DC negative ground • **Current drain (8.4V DC):** HIGH 600mA, LOW 300mA • **Dimensions:** 58mm (2.3") (W) × 140mm (5.6") (H) × 29mm (1.1") (D) • **Output power:** HIGH: 1.5W (at 8.4V DC), 2.6W (at 12V DC); LOW: 100mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 250mW at 10% distortion with an 8Ω load

OPTIONS

IC-μ4

IC-μ4AT (U.S.A. version)
IC-μ4E (Europe version)



430/440MHz FM TRANSCEIVER

This rig is so compact you can fit it inside your shirt pocket. Icom has designed this rig with all the basic features you need for 70cm simplex and repeater operation.

FEATURES

- POCKET SIZE
- AUTOMATIC POWER SAVER
- 10 MEMORY CHANNELS
- DIGITAL TOUCH TUNING SYSTEM
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- BUILT-IN TONE ENCODER
- BATTERY PACK, WALL CHARGER, FLEXIBLE ANTENNA AND HANDSTRAP INCLUDED

SPECIFICATIONS

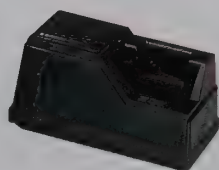
• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.0000 ~ 439.9875MHz • **Tuning step increment:** IC-μ4AT: 5kHz, IC-μ4E: 12.5kHz • **Power supply requirement:** 5.5 ~ 12.0V DC negative ground • **Current drain (at 8.4V DC):** HIGH 700mA, LOW 350mA • **Dimensions (with BP-22):** 58mm (2.3") (W) × 140mm (5.6") (H) × 29mm (1.1") (D) • **Output power:** HIGH: 1W (at 8.4V DC), 2W (at 12.0V DC); LOW: 100mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 250mW at 10% distortion with an 8Ω load

FEATURES

- FULLY SYNTHESIZED
- COMPACT AND EASY TO
- DTMF (IC-2AT)
- 1750Hz TONE CALL (IC-2E)
- BATTERY PACK, WALL HANDSTRAP AND EAR -

SPECIFICATIONS

• **Frequency coverage:** IC-2A/AT: 147.995MHz, IC-2E: 144.000 ~ 147.995MHz • **step increment:** 5kHz • **Power** 5.5 ~ 12.0V DC negative ground • **8.4V DC:** HIGH: 550mA, LOW: (with BP-3): 65mm (2.6") (W) × (1.4") (D) • **Output power:** HIGH: (at 10.8V DC), LOW: 150mW • **frequency deviation:** ±5kHz • **sensitivity:** More than 26dB (S+N+D) • **output power:** More than 300mW an 8Ω load



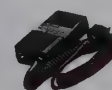
BC-50U/E
AC BATTERY CHARGER
(for Micro Handhelds)



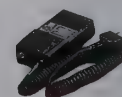
BP-20, BP-21, BP-22, BP-23, BP-24
BATTERY PACKS AND CASE
(for Micro Handhelds)



HS-10
HEADSET



HS-10SA
VOX UNIT
(for HS-10)



HS-10SB
PTT SWITCHBOX
(for HS-10)

IC-2

IC-2AT (U.S.A. version)
IC-2A (U.S.A. version)
IC-2E (Europe version)

144MHz FM TRANSCEIVER

Simple design, simple operation. This rig has all you need for simplex and repeater operation, including DTMF (IC-2AT) for autopatches.



IC-02

IC-02A (U.S.A. version)
IC-02AT (U.S.A. version)
IC-02E (Europe version)

144MHz FM TRANSCEIVER

Our standard, splash-resistant 2 meter handheld enjoyed throughout the world. An excellent rig which will give you satisfaction.



IC-4G

IC-4GAT (U.S.A. version)
IC-4GE (Europe version)

UHF FM TRANSCEIVER

Icom's newest 70cm handheld transceiver has been designed for your convenience. The simple and well laid-out panels ensure quick and easy operation of all its many functions. It's tough and splash resistant. You can take it everywhere and still be assured of top-notch performance.

FEATURES

- 5W OUTPUT WITH BP-7 or BP-70
- 10 MEMORY CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCANS
- PRIORITY WATCH
- CALL CHANNEL
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-02AT)
- DTMF KEYBOARD (IC-02AT)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

144.000 ~ 145.995MHz • **Tuning supply requirement:** • **Current drain** (at 220mA) • **Dimensions** 165mm (6.5") (H) × 35mm (1.4") (D) • **Max. power** 1.5W (at 8.4V DC), 2.3W (at 13.2V DC) • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 149.995MHz, (Europe version) 144.0000 ~ 145.9875MHz, (*Specifications guaranteed 144.000 ~ 148.000MHz) • **Tuning step increment:** IC-02A/AT: 5, 10, 15, 20 or 25kHz. IC-02E: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain** (at 8.4V DC): HIGH: 1.05A, LOW: 450mA • **Dimensions** (with BP-3) 65mm (2.6") (W) × 160mm (6.3") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 3W (at 8.4V DC), 5W (at 13.2V DC), LOW: 500mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

FEATURES

- AUTOMATIC POWER SAVER
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TONE SQUELCH AND POCKET BEEP (optional for IC-4GAT)
- SUBAUDIBLE TONE ENCODER (IC-4GAT)
- BUILT-IN 1750Hz TONE CALL (Europe)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-4GAT)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.00 ~ 450.00MHz, (Europe version) 430.00 ~ 440.00MHz • **Tuning step increment:** IC-4GA/GAT: 5, 10, 15, 20 or 25kHz. IC-4GE: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground • **Current drain** (at 13.2V DC): HIGH 2.3A, LOW 1.2A • **Dimensions** (with BP-70): 65mm (2.6") (W) × 151mm (5.9") (H) × 35mm (1.4") (D) • **With BP-3:** 130mm (5.1") (H) • **Output power** (at 13.2V DC): HIGH 6W, LOW 1W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load

OPTIONS



HM-46/L
SPEAKER-MICROPHONE



BC-35 / BC-36
AC BATTERY
CHARGER



BP-8
BATTERY PACK
BP-4
BATTERY CASE



LC-14
CARRYING
CASE



CP-1
CIGARETTE
LIGHTER CABLE



CP-10
BATTERY
SEPARATION CABLE

Ask your dealer for a detailed brochure. 17

IC-04

IC-04AT (U.S.A. version)
IC-04E (Europe version)



430/440MHz FM TRANSCEIVER

Our standard 70cm handheld enjoyed throughout the world. An excellent rig which will give you satisfaction.

FEATURES

- HIGH OUTPUT POWER
- 10 MEMORY CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCANS
- PRIORITY WATCH
- CALL CHANNEL
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-04AT)
- DTMF KEYBOARD (IC-04AT)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.0000 ~ 439.9875MHz • **Tuning step increment:** IC-04AT: 5, 10, 15, 20 or 25kHz. IC-04E: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground (EXT. POWER JACK: 13.8V DC) • **Current drain (at 8.4V DC):** HIGH 1.25A, LOW 550mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 160mm (6.3") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 2.5W (at 8.4V DC), 5W (at 13.2V DC). LOW: 500mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.32μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

OPTIONS

IC-4

IC-4AT (U.S.A. version)
IC-4E (Europe version)



430/440MHz FM TRANSCEIVER

Simple design, simple operation. This rig has all you need for simplex and repeater operation, including DTMF (IC-4AT) for auto-patches.

FEATURES

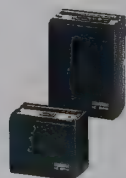
- FULLY SYNTHESIZED
- COMPACT AND EASY TO OPERATE
- DTMF (IC-4AT)
- 1750Hz TONE CALL (IC-4E)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995MHz, (Europe version) 430.000 ~ 439.995MHz • **Tuning step increment:** 5kHz • **Power supply requirement:** 7.2 ~ 12.0V DC negative ground • **Current drain (at 8.4V DC):** HIGH 700mA, LOW 300mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 165mm (6.5") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 1.5W (at 8.4V DC), 2.3W (at 10.8V DC). LOW: 150mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** More than 26dB (S+N+D)/(N+D) at 1μV • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load



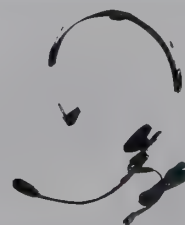
BC-35/BC-36
AC BATTERY CHARGER



BP-8
BATTERY PACK
BP-4 BATTERY CASE



HM-46/L
SPEAKER-MICROPHONE



HS-10
HEADSET



HS-10SA
VOX UNIT



IC-12G

IC-12GAT (U.S.A. version)
IC-12GE (Europe version)

1200MHz FM TRANSCEIVER

Icom's newest 1.2GHz handheld transceiver has been designed for your convenience. The simple and well laid-out panels ensure quick and easy operation of all its many functions, even RIT. It's tough and splash resistant. You can take it everywhere and be assured of top-notch performance.

FEATURES

- SPLASH RESISTANT
- WIDE BAND FREQUENCY COVERAGE
- RECEIVER INCREMENTAL TUNING (RIT)
- RECEIVER AND TRANSMITTER INCREMENTAL TUNING (VXO)
- AUTOMATIC POWER SAVER
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCANS
- MEMORY SKIP FUNCTION
- TONE SQUELCH AND POCKET BEEP (optional for IC-12GAT)
- BUILT-IN SUBAUDIBLE TONE ENCODER (IC-12GAT)
- BUILT-IN 1750Hz TONE CALL (IC-12GE)
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-12GAT)

SPECIFICATIONS

• **Frequency coverage:** 1240.00 ~ 1300.00MHz • **Tuning step increment:** IC-12GAT: 10 or 20kHz, IC-12GE: 12.5 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC negative ground • **Current drain (at 13.2V DC):** HIGH 900mA, LOW 400mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 130mm (5.1") (H) × 35mm (1.4") (D) • **Output power (at 8.4V DC):** HIGH: 1W, LOW: 0.1W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25μV for 12dB SINAD • **Audio output power:** More than 400mW at 10% distortion with an 8Ω load



IC-12

IC-12AT (U.S.A. version)
IC-12E (Europe version)

1200MHz FM TRANSCEIVER

Our standard 1.2 GHz handheld enjoyed throughout the world. An excellent rig which will give you satisfaction.

FEATURES

- RIT AND VXO
- FULLY SYNTHESIZED
- COMPACT AND EASY TO OPERATE
- DTMF (IC-12AT)
- 1750Hz TONE CALL (IC-12E)
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** IC-12AT: 1260.00 ~ 1299.99MHz, IC-12E: 1260.0000 ~ 1299.9875MHz • **Tuning step increment:** IC-12AT: 10, 20, 30, 40 or 50kHz, IC-12E: 12.5, 25, 37.5, 50 or 62.5kHz • **Power supply requirement:** 5.5 ~ 15.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain (at 8.4V DC):** HIGH 900mA, LOW 400mA • **Dimensions (with BP-3):** 65mm (2.6") (W) × 171mm (6.7") (H) × 35.5mm (1.4") (D) • **Output power (at 8.4V DC):** HIGH 1W, LOW 100mW • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.32μV for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8Ω load

OPTIONS



HS-10SB
PTT SWITCHBOX



MB-16D
WALL BRACKET



LC-14
CARRYING
CASE



CP-1
CIGARETTE
LIGHTER
CABLE



CP-10
BATTERY
SEPARATION CABLE

Ask your dealer for a detailed brochure. 19



IC-375A

220MHz ALL MODE TRANSCEIVER

This 220MHz transceiver is packed with all the features found in HF rigs. With the fastest lock-up time of any 220MHz rig on the market (5 milliseconds), you will find this transceiver perfect for packet. Use the serial data port (CI-V) to create a computer control or online system with other Icom rigs.

FEATURES

- WIDE FREQUENCY COVERAGE
- DIRECT DIGITAL SYNTHESIZER (DDS)
- 99 MEMORY CHANNELS
- USB, LSB, CW, FM
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND MODE SCANS
- PREAMPLIFIER (optional)
- ALL MODE SQUELCH
- PACKET COMPATIBLE
- SELECTABLE TUNING STEPS
- MICROPHONE INCLUDED AT NO EXTRA COST
- COMPUTER CONTROL INTERFACE (optional)

SPECIFICATIONS

• **Frequency coverage:** 216.0000 ~ 235.0000MHz. (Specifications guaranteed 220.0000 ~ 225.0000MHz) • **Tuning step increment:** 10Hz or 1kHz (SSB, CW); 1kHz or 5kHz (FM) • **Power supply requirement:** 117V AC or 13.8V DC $\pm 15\%$ negative ground • **Current drain:** Max. 7A • **Dimensions:** 241mm (9.5") (W) \times 95mm (3.7") (H) \times 239mm (9.4") (D) • **Output power:** 2.5 ~ 25W • **Max. frequency deviation:** ± 5 kHz • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW/less than 0.10 μ V for 10dB S/N, FM/less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load

OPTIONS



SM-10
COMPRESSOR/GRAPHIC
EQUALIZER DESK TOP MICROPHONE



SM-8
DESK MICROPHONE



PS-45
AC POWER SUPPLY



SP-7
EXTERNAL
SPEAKER



HS-15
FLEXIBLE
MOBILE MICROPHONE

HS-15SB
SWITCHBOX



IC-37A

220MHz FM TRANSCEIVER

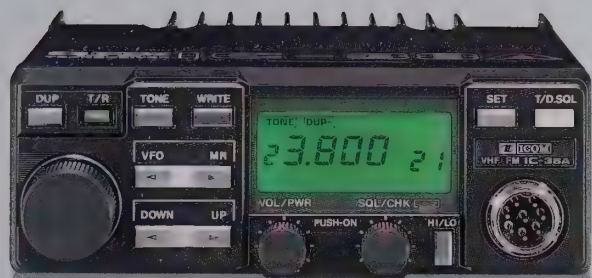
A simple but effective way of getting on 220MHz.

FEATURES

- 25W OUTPUT
- 9 MEMORY CHANNELS
- PRIORITY WATCH
- BUILT-IN SPEAKER
- MICROPHONE WITH DTMF ENCODER INCLUDED
- BUILT-IN SUBAUDIBLE TONE ENCODER
- VFO AND MEMORY SCANS
- SELECTABLE TUNING STEPS
- PROGRAMMABLE OFFSET FREQUENCY
- VOICE SYNTHESIZER (optional)

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.995MHz • **Tuning step increment:** 5 or 10kHz • **Power supply requirement:** 13.8V DC $\pm 15\%$ negative ground • **Current drain:** HIGH 6.5A, LOW 3.0A • **Dimensions:** 140mm (5.4") (W) \times 38mm (1.5") (H) \times 177mm (7.0") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** ± 5 kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.2 μ V for 12dB SINAD • **Audio output power:** More than 2W at 10% distortion with an 8 Ω load



IC-38A

220MHz FM TRANSCEIVER

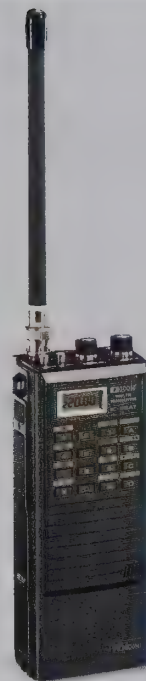
One of our customers' favorite 220MHz mobile transceivers, this rig will provide you with many hours of enjoyment.

FEATURES

- 25W OUTPUT
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCANS
- LARGE LCD
- CALL CHANNEL
- BUILT-IN SPEAKER
- MICROPHONE INCLUDED
- PROGRAMMABLE OFFSET FREQUENCY
- SELECTABLE TUNING STEPS

SPECIFICATIONS

• **Frequency coverage:** Rx 215.00 ~ 230.00MHz,* Tx 220.00 ~ 225.00MHz. (*Specifications guaranteed 220.00~225.00MHz) • **Tuning step increment:** 5, 10, 15, 20 or 25kHz • **Power supply requirement:** 13.8V DC \pm 15% negative ground • **Current drain:** HIGH 6.5A, LOW 3.0A • **Dimensions:** 140mm (5.4") (W) \times 50mm (2.0") (H) \times 155mm (6.1") (D) • **Output power:** HIGH 25W, LOW 5W • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM • **Sensitivity:** Less than 0.18 μ V for 12dB SINAD • **Audio output power:** More than 2.4W at 10% distortion with an 8 Ω load



IC-03AT

220MHz FM TRANSCEIVER

Our standard 220MHz handheld which has been enjoyed throughout the world. An excellent rig which will give you satisfaction.

FEATURES

- HIGH OUTPUT POWER
- 10 MEMORY CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMABLE AND MEMORY SCANS
- PRIORITY WATCH
- CALL CHANNEL
- SUBAUDIBLE TONE ENCODER
- DTMF KEYPAD
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.995MHz • **Tuning step increment:** 5, 10, 15, 20 or 25kHz • **Power supply requirement:** 5.5 ~ 16.0V DC (EXT. POWER JACK: 13.8V DC) • **Current drain (at 8.4V DC):** HIGH 1.2A, LOW 500mA • **Dimensions:** 65mm (2.6") (W) \times 160mm (6.3") (H) \times 35mm (1.4") (D) • **Output power:** HIGH; 2W (at 8.4V DC), 5W (at 13.2V DC). LOW; 500mW (at 8.4V DC) • **Max. frequency deviation:** \pm 5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.25 μ V for 12dB SINAD • **Audio output power:** More than 500mW at 10% distortion with an 8 Ω load

OPTIONS



SP-8
EXTERNAL
SPEAKER



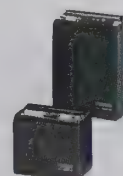
SP-10
EXTERNAL
SPEAKER



HM-14
DTMF MICROPHONE



BC-35
AC BATTERY
CHARGER



BP-8 / BP-4
BATTERY PACK



IC-3AT

220MHz FM TRANSCEIVER

Simple design, simple operation. This rig has all you need for simplex and repeater operation, including DTMF for autopatches.

FEATURES

- FULLY SYNTHESIZED
- COMPACT AND EASY TO OPERATE
- DTMF
- BATTERY PACK, WALL CHARGER, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.990MHz • **Tuning step increment:** 10kHz
 • **Power supply requirement:** 7.2 ~ 12.0V DC negative ground • **Current drain (at 8.4V DC):** HIGH 550mA, LOW 220mA • **Dimensions:** 65mm (2.6") (W) × 165mm (6.5") (H) × 35mm (1.4") (D) • **Output power:** HIGH: 1.5W (at 8.4V DC), 2.3W (at 10.8V DC), LOW: 150mW (at 8.4V DC) • **Max. frequency deviation:** ±5kHz
 • **Mode:** FM (F3) • **Sensitivity:** More than 26dB(S+N+D)/(N+D) at 1μV • **Audio output power:** More than 300mW at 10% distortion with an 8Ω load

OPTIONS



BC-35/BC-36
AC BATTERY
CHARGER



BP-8
BATTERY PACK
BP-4
BATTERY CASE



HM-46
SPEAKER-MICROPHONE



HS-10
HEAD SET



HS-10SB
PTT SWITCH BOX



IC-RP2210

220MHz FM REPEATER

Enjoy the wide open spaces on 220 with this high-quality repeater. Excellent specifications and compact size make this a great value for the money.

FEATURES

- 25W OUTPUT
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- PROGRAMMABLE CALLSIGN IDENTIFICATION
- EXCELLENT IMD ATTENUATION
- LOCAL INHIBIT AND TONE SQUELCH
- BACKUP BATTERY CONNECTOR
- BUILT-IN SPEAKER AND MICROPHONE CONNECTOR
- CTCSS DECODER
- STEEL FRAME
- CABINET (optional)

SPECIFICATIONS

• **Frequency coverage:** 220 ~ 225MHz • **Tuning step increment:** 5kHz • **Power supply requirement:** 117V AC or 13.8V DC • **Dimensions (without optional cabinet):** 480mm (18.9") (W) × 150mm (5.9") (H) × 400mm (15.7") (D) • **Output power:** 25W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.32μV for 12dB SINAD



IC-RP3010

430MHz FM REPEATER

IC-RP3010 meets commercial specifications. It even takes care of desensitization and spurious emission. A fine repeater that will set you up in style.

FEATURES

- 10W OUTPUT
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- PROGRAMMABLE CALLSIGN IDENTIFICATION
- EXCELLENT IMD ATTENUATION
- LOCAL INHIBIT AND TONE SQUELCH
- BACKUP BATTERY CONNECTOR
- BUILT-IN SPEAKER AND MICROPHONE CONNECTOR
- CTCSS DECODER
- STEEL FRAME
- CABINET (optional)

SPECIFICATIONS

• **Frequency coverage:** 430 ~ 450MHz • **Power supply requirement:** 117/240V AC or 13.8V DC • **Dimensions (without optional cabinet):** 480mm (18.9") (W) × 150mm (5.9") (H) × 400mm (15.7") (D) • **Output power:** 10W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.5μV for 12dB SINAD



IC-RP1210

1200MHz FM REPEATER

Open up 1.2GHz in your area with this top-notch repeater. Its transmitter and receiver circuits have been designed with the most advanced UHF technology, ensuring excellent frequency stability.

FEATURES

- 10W OUTPUT
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- PROGRAMMABLE CALLSIGN IDENTIFICATION
- EXCELLENT IMD ATTENUATION
- LOCAL INHIBIT AND TONE SQUELCH
- BACKUP BATTERY CONNECTOR
- BUILT-IN SPEAKER AND MICROPHONE CONNECTOR
- CTCSS DECODER
- STEEL FRAME
- CABINET (optional)

SPECIFICATIONS

• **Frequency coverage:** Rx: 1271.02 ~ 1272.98MHz. Tx: 1291.02 ~ 1292.98MHz • **Tuning step increment:** 10kHz • **Power supply requirement:** 117/240V AC or 13.8V DC • **Dimensions (without optional cabinet):** 480mm (18.9") (W) × 150mm (5.9") (H) × 400mm (15.7") (D) • **Output power:** 10W • **Max. frequency deviation:** ±5kHz • **Mode:** FM (F3) • **Sensitivity:** Less than 0.5μV for 12dB SINAD

OPTIONS



MB-16D
WALL BRACKET



CP-1
CIGARETTE
LIGHTER
CABLE



CP-10
BATTERY SEPARATION
CABLE



IC-R71

IC-R71A (U.S.A. version)
IC-R71E (Europe version)

COMMUNICATIONS RECEIVER

Listen to the world on all the long wave, middle wave, and short wave bands. Unlike many receivers on the market, this receiver is designed with a main tuning dial as well as a frequency entry keyboard. Turn on the infrared remote control (optional) and enjoy armchair copy.

FEATURES

- USB, LSB, AM, FM, CW, RTTY (FM : optional)
- 32 MEMORY CHANNELS
- INFRARED REMOTE CONTROL (optional)
- PROGRAMMED, MEMORY AND MODE SCANS
- PASSBAND TUNING
- ADJUSTABLE IF NOTCH FILTER
- NOISE BLANKER
- DC KIT FOR PORTABLE OPERATION (optional)
- VOICE SYNTHESIZER (optional)

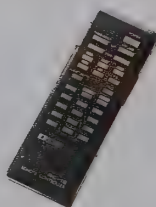
SPECIFICATIONS

• **Frequency coverage:** (U.S.A. and Europe versions) 0.1000 ~ 30.0000MHz
 • **Tuning step increment:** 100Hz or 1kHz • **Power supply requirement:** 117, or 235V AC (200 or 220V use requires internal modifications) • **Modes:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) (option) • **Dimensions:** 286mm (11.3") (W) × 111mm (4.4") (H) × 276mm (10.9") (D) • **Sensitivity:** SSB, CW, RTTY for 10dB (S+N) /N: 0.1~1.6MHz/less than 1.0μV, 1.6~30.0MHz/less than 0.15μV. AM for 10dB (S+N) /N: 0.1~1.6MHz/less than 3.0μV, 1.6~30.0MHz/less than 0.5μV. FM for 12dB SINAD: 1.6~30.0MHz/less than 0.3μV. • **Audio output power:** More than 3W at 10% distortion with an 8Ω load

OPTIONS



RC-11
WIRELESS REMOTE
CONTROLLER (for IC-R71A/E)



RC-12
WIRELESS
REMOTE CONTROLLER
(for IC-R7000)



AH-7000
SUPER WIDEBAND
OMNIDIRECTIONAL ANTENNA



HP-2
COMMUNICATION
HEADPHONES



IC-R7000

COMMUNICATIONS RECEIVER

Listen in on public and private radio communications: weather, fire, coast guard, TV, airband and many more. Wideband frequency coverage provides you with all the frequencies you need to become a VHF and UHF listener. Turn on the infrared remote control (optional) and enjoy armchair copy.

FEATURES

- USB, LSB, FM, FM-NARROW, AM
- WIDE FREQUENCY COVERAGE
- 99 MEMORY CHANNELS
- INFRARED REMOTE CONTROL (optional)
- VARIABLE SCAN SPEED AND DELAY
- NOISE BLANKER
- DC KIT FOR PORTABLE OPERATION (optional)
- VOICE SYNTHESIZER (optional)
- SIX SCANNING FUNCTIONS

SPECIFICATIONS



• **Frequency coverage:** (U.S.A. and Europe versions) 25.0000 ~ 999.9999MHz, 1025.0000 ~ 1999.9999MHz* (*Specifications guaranteed 1240.0000 ~ 1300.0000MHz) • **Tuning step increment:** 0.1, 1, 5, 10, 12.5 or 25kHz • **Power supply requirement:** 117, 220 or 234V AC • **Modes:** SSB (A3J), AM (A3), FM (narrow/wide) (F3) • **Dimensions:** 286mm (11.3") (W) × 110mm (4.3") (H) × 276mm (10.9") (D) • **Sensitivity:** 25.0000 ~ 999.9999MHz; FM (narrow)/less than 0.5μV for 12dB SINAD. FM (wide)/less than 1.0μV for 12dB SINAD. AM/less than 1.0μV for 10dB S/N. SSB/less than 0.3μV for 10dB S/N. 1240.0000 ~ 1300.0000MHz; FM (narrow)/less than 0.5μV for 12dB SINAD. FM (wide)/less than 2.0μV for 12dB SINAD, AM/less than 2.0μV for 10dB S/N. SSB/less than 0.3μV for 10dB S/N • **Audio output power:** More than 2.5W at 10% distortion with an 8Ω load

OPTIONS (EXCEPT HANDHELD TRANSCEIVERS)

	Power supplies		Antenna tuners	Antennas	Linear amplifier	Speakers	Microphones	Mobile microphones	Headphones	FM unit
	Internal	External								
IC-781	*4		*4	*3	IC-2KL	IC-SP3 SP-20	SM-6 SM-8 SM-10 HM-36		HP-2	
IC-761	*4		*4	*3	IC-2KL	IC-SP3 SP-20	SM-6 SM-8 SM-10 HM-36		HP-2	
IC-751A	IC-PS35	IC-PS15 IC-PS30	IC-AT100 IC-AT500 AH-2	*3	IC-2KL	IC-SP3 SP-7 SP-20	SM-6 SM-8 SM-10		HP-2	
IC-735		IC-PS15 IC-PS30 PS-55	AT-150 IC-AT500 AH-2	*3	IC-2KL	IC-SP3 SP-7 SP-20	SM-6 SM-8 SM-10		HP-2	
IC-900A/E		IC-PS30		AH-32 + AHB-32 AH-1200 + AHB-1200		IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16*2 HM-17*2	HS-15 + HS-15SB		
IC-3210A/E		IC-PS30 PS-45		AH-32 + AHB-32		IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16*2 HM-17*2	HS-15 + HS-15SB		
IC-3200A/E		IC-PS30 PS-45		AH-32 + AHB-32		IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16 HM-17	HS-15 + HS-15SB		
IC-575A/H	IC-575A: *4	IC-PS15 IC-PS30 PS-55		AH-610		IC-SP3 SP-7 SP-20	SM-6 SM-8 SM-10		HP-2	
IC-275A/E/H	IC-275A/E: *4	IC-PS15 IC-PS30 PS-55				IC-SP3 SP-7 SP-20	SM-6 SM-8 SM-10		HP-2	
IC-475A/E/H	IC-475A/E: *4	IC-PS15 IC-PS30 PS-55				IC-SP3 SP-7 SP-20	SM-6 SM-8 SM-10		HP-2	
IC-1271A/E	IC-PS25	IC-PS15 IC-PS30				IC-SP3 SP-7 SP-20	SM-6 SM-8 SM-10		HP-2	
IC-27A/E/H		PS-45 (IC-27H: IC-PS30)		AH-32 + AHB-32		IC-SP4 SP-7 SP-8 SP-10		HS-15 + HS-15SB		
IC-228A/E/H		PS-45 (IC-228H: IC-PS30)		AH-32 + AHB-32		IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16 HM-17	HS-15 + HS-15SB		
IC-28A/E/H		PS-45 (IC-28H: IC-PS30)		AH-32 + AHB-32		IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16 HM-17	HS-15 + HS-15SB		
IC-47A/E		IC-PS30 PS-45		AH-32 + AHB-32		IC-SP4 SP-7 SP-8 SP-10		HS-15 + HS-15SB		
IC-48A/E		IC-PS30 PS-45		AH-32 + AHB-32		IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16 HM-17	HS-15 + HS-15SB		
IC-1200A/E		IC-PS30 PS-45		AH-1200 + AHB-1200		IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16 HM-17	HS-15 + HS-15SB		
IC-375A	*4					IC-SP3 SP-7 SP-20	SM-6 SM-8 SM-10		HP-2	
IC-37A		IC-PS30 PS-45				IC-SP4 SP-7 SP-8 SP-10		HS-15 + HS-15SB		
IC-38A		IC-PS30 PS-45				IC-SP4 SP-7 SP-8 SP-10	HM-14 HM-16 HM-17	HS-15 + HS-15SB		
IC-R71A/E	*4					IC-SP3 SP-7 SP-20			HP-2	IC-EX257
IC-R7000	*4			AH-7000		IC-SP3 SP-7 SP-20			HP-2	

FILTERS

Filter	Center frequency	Bandwidth	IC-781	IC-761	IC-751A	IC-735	IC-575A	IC-275A/E/H	IC-375A	IC-475A/E/H	IC-R71A/E
FL-44A	455 kHz	2.4 kHz/-6 dB		*	*						
FL-52A		500 Hz/-6 dB	*	*							
FL-53A		250 Hz/-6 dB	*		Either						
FL-32A		500 Hz/-6 dB	*	*	*	Either					Either
FL-63A	9.0106 MHz	250 Hz/-6 dB			Replace with FL-32A						
FL-100		500 Hz/-6 dB	*				Either				
FL-101	9.0100 MHz	250 Hz/-6 dB	*								
FL-33		6.0 kHz/-6 dB									
FL-102	9.0115 MHz	6.0 kHz/-6 dB	*								
FL-70		2.8 kHz/-6 dB									
FL-103		2.8 kHz/-6 dB	Replace with FL-102								*
FL-83	10.7491 MHz	500 Hz/-6 dB									

All stated specifications are subject to change without notice or obligation.  : Applicable  : Not applicable * : Already installed

OPTIONS (EXCEPT HANDHELD TRANSCEIVERS)

CI-V System	Voice synthesizer units	Tone squelch units	Digital code squelch unit	Tone encoders	Electronic keyer units	Pre-amplifiers	TV adapters	Brackets and handles	High-stability crystal units	Other options
CT-16 CT-17	UT-36			*4	*4			Supplied	*4	
CT-16 CT-17	IC-EX310			UT-30	*4			MB-19	*4	
UX-14 CT-16 CT-17	IC-EX310			UT-30	*4			IC-MB18	CR-64	RC-10 FREQUENCY CONTROLLER
CT-17				UT-30	IC-EX243			IC-MB5		
		UT-29	UT-28	*4				MB-21		OPC-189 OPTICAL FIBER CABLE (20m)
		UT-40		*4						
	UT-23			*4						
CT-16 CT-17	UT-36	UT-34		*4				IC-MB5 MB-23	CR-64	EX-20 AUTO- MATIC ANTENNA SELECTOR
CT-16 CT-17	UT-36	UT-34*1		*4		AG-25		IC-MB5 MB-23	CR-64	
CT-16 CT-17	UT-36	UT-34*1		*4		AG-35		IC-MB5 MB-23	CR-64	
UX-14 CT-16 CT-17	IC-EX310	UT-15*1		*4		AG-1200	TV-1200	IC-MB12		
	UT-16			*4						
		UT-40		*4						
		UT-29	UT-28	*4						
	UT-16			*4						
		UT-29	UT-28	*4						
		UT-29	UT-28	*4						
CT-17	UT-36	UT-34*1		*4		AG-30		IC-MB5 MB-23	CR-64	
	UT-16			*4						
		UT-29	UT-28	*4						
UX-14 CT-16 CT-17	IC-EX310							IC-MB12	CR-64	RC-11 WIRELESS REMOTE CONTROLLER
CT-17	IC-EX310						TV-R7000	IC-MB12		RC-12 WIRELESS REMOTE CONTROLLER

*1: Except Europe version.

*2: Cannot be used during full duplex operation.

*3: EX-627 HF AUTOMATIC ANTENNA SELECTOR is available.

*4: Already installed

- WR-200 SWR & POWER METER
Frequency range 1.8~150MHz, max. feedthrough power 200W.
- WR-2000 SWR & POWER METER
Frequency range 1.8~54MHz, max. feedthrough power 2000W (1.8~30MHz, SSB), 600W (50~54MHz, SSB).
- WRC-450 DIRECTIONAL COUPLER
For WR-200 and WR-2000. Frequency range 140~450MHz, max. feedthrough power 200W (SSB).
- WRC-1300 DIRECTIONAL COUPLER
For WR-200 and WR-2000. Frequency range 1200~1300MHz, max. feedthrough power 40W (SSB).
- GC-5 WORLD CLOCK
Displays the time for every time zone in the world.

Icom Inc.

6-9-16, Kamihigashi, Hirano-ku, Osaka 547, Japan Phone: 06 793 5301 Fax: 06 793 0013 Telex: 05277822 ICOMTR J

Count on us!

Icom America Inc.

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Icom France S.a.

120 Route de Revel, BP4063, 31029 Toulouse Cedex, France
Phone : 61. 20. 31. 49
Fax : 61. 34. 05. 91
Telex : 521515 ICOM FRA

Your local agent/dealer:

UNITED STATES FREQUENCY ALLOCATIONS

The Radio Spectrum

Radio Services Color Legend

AERONAUTICAL MOBILE	MARITIME RADIONAVIGATION
AERONAUTICAL MOBILE SATELLITE	METEOROLOGICAL AIDS
AERONAUTICAL RADIONAVIGATION	METEOROLOGICAL SATELLITE
AMATEUR	MOBILE
AMATEUR SATELLITE	MOBILE SATELLITE
BROADCASTING	RADIO ASTRONOMY
BROADCASTING SATELLITE	RADIODETERMINATION SATELLITE
EARTH EXPLORATION SATELLITE	RADIOLOCATION
FIXED	RADIOLOCATION SATELLITE
FIXED SATELLITE	RADIONAVIGATION
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EARTH EXPLORATION SATELLITE	RADIOLOCATION
FIXED	RADIOLOCATION SATELLITE
FIXED SATELLITE	RADIONAVIGATION
INTER-SATELLITE	RADIONAVIGATION SATELLITE
LAND MOBILE	SPACE OPERATION
LAND MOBILE SATELLITE	SPACE RESEARCH
MARITIME MOBILE	STANDARD FREQUENCY & TIME SIGNAL
MARITIME MOBILE SATELLITE	STANDARD FREQUENCY & TIME SIGNAL SATELLITE

Activity Code

GOVERNMENT EXCLUSIVE
GOVERNMENT/NON-GOVERNMENT SHARED
NON-GOVERNMENT EXCLUSIVE

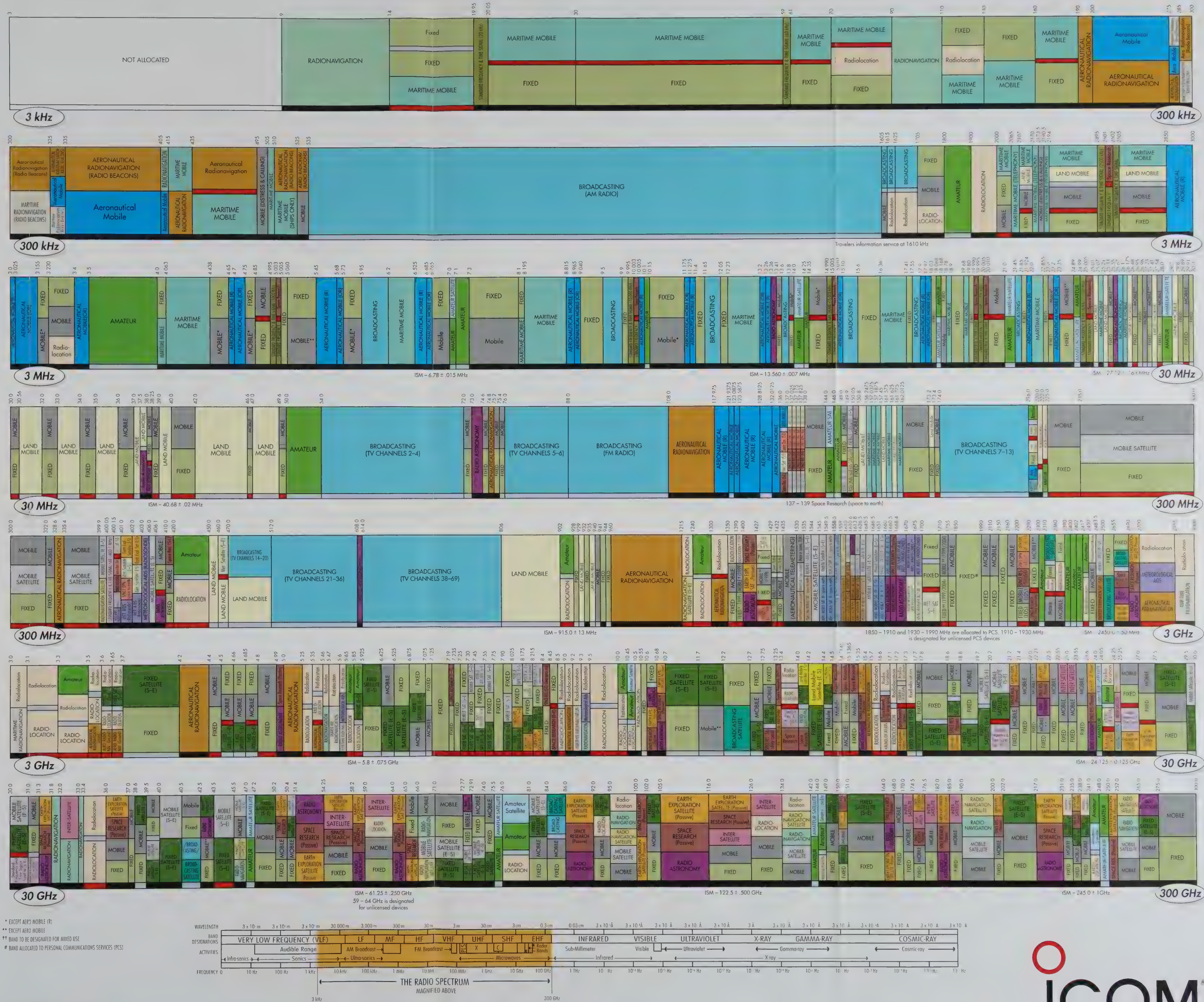
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April 2002

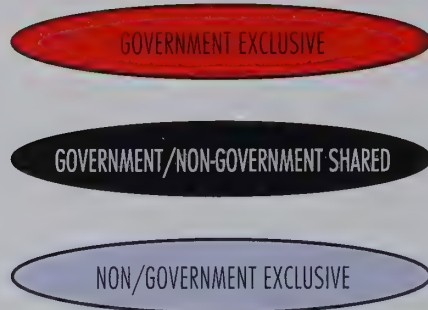
ALLOCATION USAGE DESIGNATION

SERVICE	EXAMPLE	DESCRIPTION
Primary	FIXED	Capital Letters
Secondary	Mobile	1st Capital with lower case letters
Permitted	/BROADCASTING/	Capital letters between oblique strokes





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UNITED STATES FREQUENCY ALLOCATIONS

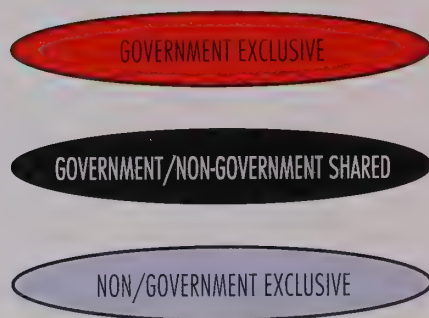
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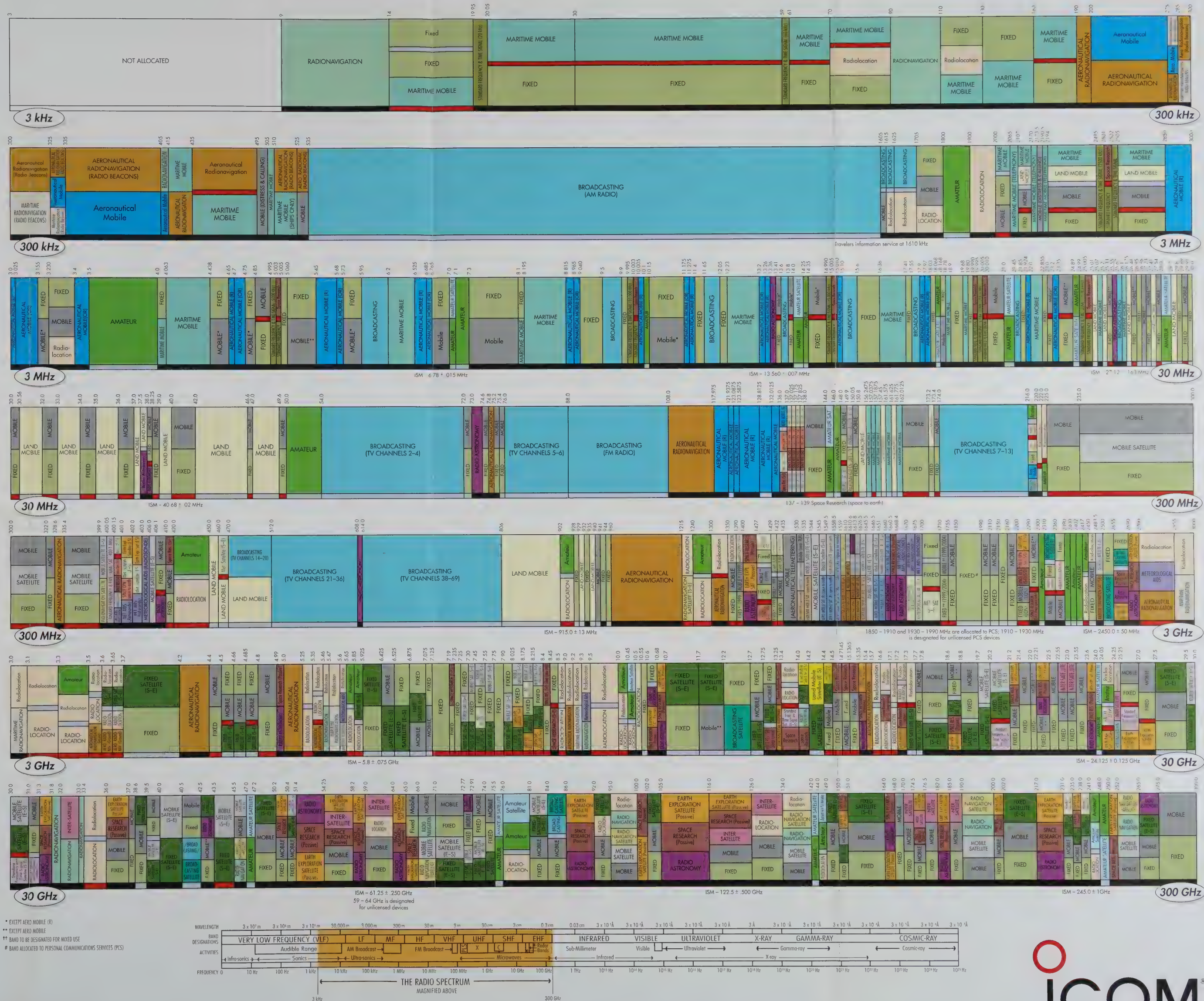
EXCEPT AERO MOBILE
GOVERNMENT/NON-GOVERNMENT SHARED
NON-GOVERNMENT EXCLUSIVE

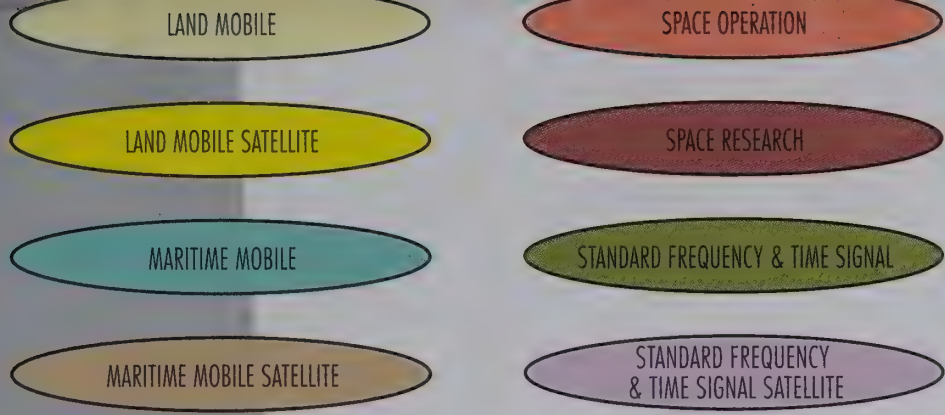
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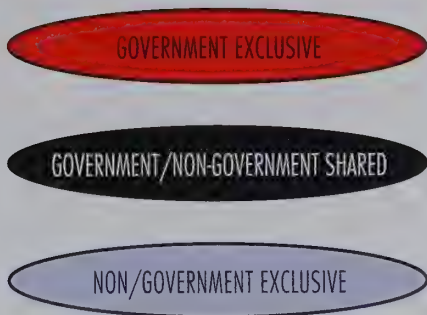
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SUPER MULTI-BANDER SYSTEM

IC-9000A/E



ICOM

First in Communications

SUPER MULTI-BANDER SYSTEM

IC-900A/E

REMOTE CONTROLLER, INTERFACE UNIT-A, INTERFACE UNIT-B, SPEAKER, MICROPHONE

There's a new way of going mobile, being on the road in style. It's called the IC-900A/E SUPER MULTI-BANDER SYSTEM, a product of ICOM's new optical fiber cable technology. Once you own it, going mobile will never be the same again.

The IC-900A/E is a sophisticated new mobile transceiver system that allows you to completely customize your communications environment by 'shaping' it with up to six fully independent band units for use in FM mode. The band units range from 28 to 1200MHz and are easy to install anywhere in your vehicle. Call overseas on the 28MHz band, or operate with full duplex on any two bands. Expand your mobile system one band at a time, or upgrade it completely by adding all six independent bands at once.

Whatever you decide to do, the IC-900A/E offers you tremendous versatility in building a 'personal' mobile system contoured to your needs. And it will make the road even more fun and adventurous than it has ever been.

ULTRA-COMPACT CONTROLLER THAT CAN BE INSTALLED ANYWHERE

The IC-900A/E REMOTE CONTROLLER operates many of the built-in system functions. It has a sleek, ultra thin design and compact size — just 150(W) × 50(H) × 25(D)mm. The REMOTE CONTROLLER can be placed in locations that won't disturb your driving — close to the instrument panel or console panel, for example, or near the door armrest or even on the sun visor.

TWO-BAND SELECTABILITY FROM A MAXIMUM OF SIX BANDS

Two bands (a MAIN BAND with transmit/receive capabilities and a receive-only SUB BAND) can be selected to suit your needs in

different operating conditions and environments. Both bands are simultaneously indicated on the FUNCTION DISPLAY. By taking advantage use of the many built-in functions, you can freely enjoy the use of both bands.

FULL DUPLEX CAPABILITY

The IC-900A/E has full duplex operation capability, employing up to six separate band units with independent transmit and receive circuits. While operating on the 144MHz band, for example, you can watch for a scheduled QSO call on the 430MHz band.

If you want to hear the MAIN BAND audio more clearly, simply push the SUB BAND MUTE SWITCH. This will quiet the SUB BAND audio.

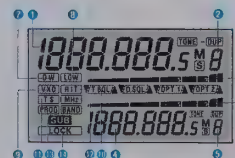


REMOTE CONTROLLER

MULTI-FUNCTIONAL, EASY-TO-READ, LARGE-SIZED FUNCTION DISPLAY

The REMOTE CONTROLLER has a large, easy-to-read FUNCTION DISPLAY that shows a variety of transceiver functions. Numerals and symbols are displayed clearly and evenly, and back-lighting is designed with an electroluminescent panel to ensure easy readability, even in dark environments.

Display functions



- ① MAIN BAND FREQUENCY READOUT
- ② MAIN BAND MEMORY CHANNEL READOUT
- ③ MAIN BAND S/R F INDICATOR
- ④ SUB BAND FREQUENCY READOUT
- ⑤ SUB BAND MEMORY CHANNEL READOUT
- ⑥ SUB BAND SIGNAL INDICATOR
- ⑦ OFFSET WRITE INDICATOR
- ⑧ LOW POWER INDICATOR
- ⑨ VXO INDICATOR
- ⑩ RIT INDICATOR
- ⑪ TUNING STEP INDICATOR
- ⑫ MHz STEP INDICATOR
- ⑬ SUB BAND INDICATOR
- ⑭ LOCK INDICATOR

FUNCTIONS THAT ENSURE SAFE DRIVING AND RELIABLE COMMUNICATIONS

The IC-900A/E comes packed with features that ensure safe driving and reliable communications for you. Some of these are:

- Electronic up and down control for volume and squelch level setting and adjustment. Quick selection of the best volume and squelch levels is possible using an accurate, 35-step level setting function. As the squelch levels are independently set in each band unit, there is no need to re-adjust when changing bands.
- Numerous control functions can be activated by using the UP/DOWN SWITCH on

the microphone. Tuning and memory channel selection is possible, as well as control of all the scanning functions.

- A special RIT/VXO circuit is built into the UX-129A/E 1200MHz BAND UNIT to control frequency drift peculiar to the 1200MHz band. The RIT circuit fine tunes receive frequencies and the VXO circuit fine tunes transmit frequencies.
- Lettering on all the most important switches on the REMOTE CONTROLLER is illuminated. The area around the TUNING CONTROL also lights up for reliable night-time operation.

GOING MOBILE WITH THE IC-900A/E SUPER MULTI-BANDER SYSTEM



Drive in style and comfort, and make new friends and contacts over the air from the privacy of your own car. The IC-900A/E offers you a chance to create your own customized communications environment on the go, upgrading it as you like with band units designed to meet your personal needs. Drive to your local authorized ICOM Dealer today and see the new IC-900A/E SUPER MULTI-BANDER SYSTEM perform. You'll discover what so many other mobile enthusiasts are already discovering — that being on the road, going mobile, will never be the same again.

A TOTAL MODULAR SYSTEM WITH EXPANSION POTENTIAL

The IC-900A/E is a complete modular system with a variety of possible interconnections available. The REMOTE CONTROLLER and each independent band unit, for example, are connected for handshaking operations through INTERFACE UNIT-A and B via ICOM's technically advanced optical fiber cable.

INTERFACE UNIT-A connects the microphone and speakers and can be easily placed under the driver's seat. INTERFACE UNIT-A is controlled by the IC-900A/E's ultra compact REMOTE CONTROLLER which can be installed in a variety of convenient locations to enhance your driving.

The band units can be easily attached to

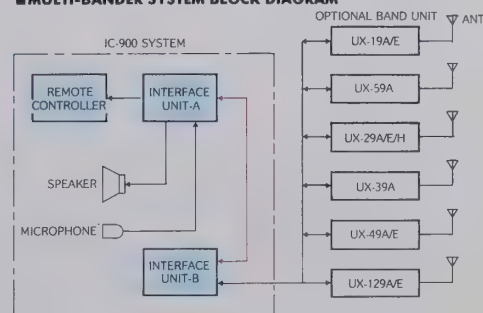
INTERFACE UNIT-B in the trunk of your vehicle. This installation location minimizes the length of feedlines to the antenna and reduces feedline loss.

SYSTEM UPGRADING TO A TOTAL OF SIX BANDS, ALLOWING COMPLETE FREEDOM OF ARRANGEMENT

The IC-900A/E can perform operations using a maximum of 6 bands — 28MHz, 50MHz, 144MHz, 220MHz, 430MHz (440MHz), and 1200MHz — and all with just a single REMOTE CONTROLLER. Dual band and triple band systems can be built by selecting band units for the particular bands you wish to use. The result is a personal, customized trans-

ceiver system built for your particular needs and compatible with your immediate environment.

■ MULTI-BANDER SYSTEM BLOCK DIAGRAM



SUPER MULTI-BANDER SYSTEM

IC-900A/E

REMOTE CONTROLLER, INTERFACE UNIT-A, INTERFACE UNIT-B, SPEAKER, MICROPHONE

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Whatever you decide to do, the IC-900A/E offers you tremendous versatility in building a 'personal' mobile system contoured to your needs. And it will make the road even more fun and adventurous than it has ever been.

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The IC-900A/E REMOTE CONTROLLER operates many of the built-in system functions. It has a sleek, ultra thin design and compact size — just 150(W) × 50(H) × 25(D)mm. The REMOTE CONTROLLER can be placed in locations that won't disturb your driving — close to the instrument panel or console panel, for example, or near the door armrest or even on the sun visor.

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Two bands (a MAIN BAND with transmit/receive capabilities and a receive-only SUB BAND) can be selected to suit your needs in

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FULL DUPLEX CAPABILITY

The IC-900A/E has full duplex operation capability, employing up to six separate band units with independent transmit and receive circuits. While operating on the 144MHz band, for example, you can watch for a scheduled QSO call on the 430MHz band.

If you want to hear the MAIN BAND audio more clearly, simply push the SUB BAND MUTE SWITCH. This will quiet the SUB BAND audio.

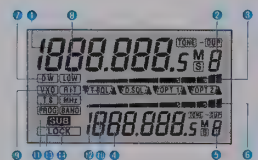


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- 2 MAIN BAND MEMORY CHANNEL READOUT
- 3 MAIN BAND S/R/F INDICATOR
- 4 SUB BAND FREQUENCY READOUT
- 5 SUB BAND MEMORY CHANNEL READOUT
- 6 SUB BAND SIGNAL INDICATOR
- 7 OFFSET WRITE INDICATOR
- 8 LOW POWER INDICATOR
- 9 VXO INDICATOR
- 10 RIT INDICATOR
- 11 TUNING STEP INDICATOR
- 12 MHz STEP INDICATOR
- 13 SUB BAND INDICATOR
- 14 LOCK INDICATOR

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- Numerous control functions can be activated by using the UP/DOWN SWITCH on

the microphone. Tuning and memory channel selection is possible, as well as control of all the scanning functions.

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- Lettering on all the most important switches on the REMOTE CONTROLLER is illuminated. The area around the TUNING CONTROL also lights up for reliable night-time operation.

SUPER MULTI-BANDER SYSTEM IC-900A/E

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If you want to hear the MAIN BAND audio more clearly, simply push the SUB BAND MUTE SWITCH. This will quiet the SUB BAND audio.

Note: Another SP-8 EXTERNAL SPEAKER must be connected in order to receive two separate frequencies simultaneously.

ONE-TOUCH OPERATION FOR EASY SWITCHING BETWEEN MAIN AND SUB BANDS

Just a single touch of the MAIN/SUB BAND SELECTOR SWITCH allows you to change freely between the MAIN BAND and SUB BANDS, ensuring easy, hassle-free communications.

FREE OPERATION OF SUB BAND: SUB BAND ACCESS FUNCTION

The built-in SUB BAND access function allows you to set SUB BAND operating conditions to

suit your preferences, leaving the MAIN BAND operating conditions unchanged. With the SUB BAND SWITCH you can select the frequency and memory channel in the same way as in the MAIN BAND. And you can operate the many functions of the SUB BAND just as you would with the MAIN BAND while enjoying smooth and easy monitoring.

MEMORY CHANNEL CAPABILITY

The IC-900A/E is equipped with 10 fully programmable memory channels in each band unit. The system can therefore store information in up to 60 different memory channels. Each band unit can memorize all frequencies and subaudible tones the particular band unit covers, and other information. Frequencies in the memory channels can be easily changed

by turning the TUNING CONTROL.

ONE-TOUCH RECALL OF YOUR FAVORITE FREQUENCY WITH THE CALL CHANNEL SWITCH

Your highest priority frequency in each band can be easily reached with the CALL CHANNEL SWITCH. This is handy when frequently recalling your favorite repeaters or other frequencies.

SEPARATE USER-PROGRAMMED TUNING STEPS

Tuning steps can be selected in 5kHz, 10kHz, 15kHz, 20kHz, and 25kHz steps in the IC-900A version, and 12.5kHz and 25kHz steps in the IC-900E version. If you want to change frequencies in increments of 1MHz on each band,

push the MHz STEP SWITCH.

MULTIPLE-ACTION SCAN FUNCTION

Three types of scan functions allow effective monitoring within the band:

1. **PROGRAMMED SCAN.** Repeatedly scans a preferred frequency range set with a specified tuning step increment.
2. **MEMORY SCAN.** Repeatedly scans the 10 memory channels.
3. **SKIP CHANNEL FUNCTION.** Selects and scans only the memory channels you

wish to monitor during memory scan.

SUPERIOR REPEATER OPERATION FUNCTION

Excellent repeater operation is ensured with the high quality built-in repeater function in the IC-900A/E. This allows programmable offset duplex mode and programmable subaudible tone functions for obtaining smooth repeater access. Repeater input frequencies can be monitored with just one touch of the CHECK SWITCH.

DIGITAL CODE SQUELCH AND TONE SQUELCH

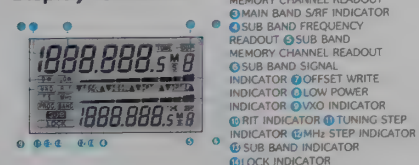
Either the UT-28 DIGITAL CODE SQUELCH UNIT or UT-29 TONE SQUELCH UNIT can be used to ensure clear, interference-free communications from other stations using the same frequency.



MULTI-FUNCTIONAL, EASY-TO-READ, LARGE-SIZED FUNCTION DISPLAY

The REMOTE CONTROLLER has a large, easy-to-read FUNCTION DISPLAY that shows a variety of transceiver functions. Numerals and symbols are displayed clearly and evenly, and back-lighting is designed with an electroluminescent panel to ensure easy readability, even in dark environments.

Display functions



FUNCTIONS THAT ENSURE SAFE DRIVING AND RELIABLE COMMUNICATIONS

The IC-900A/E comes packed with features that ensure safe driving and reliable communications for you. Some of these are:

- Electronic up and down control for volume and squelch level setting and adjustment. Quick selection of the best volume and squelch levels are independently set in each band unit, there is no need to re-adjust when changing bands.
- Numerous control functions can be activated by using the UP/DOWN SWITCH on

the microphone. Tuning and memory channel selection is possible, as well as control of all the scanning functions.

- A special RIT/VXO circuit is built into the UX-129A/E 1200MHz BAND UNIT to control frequency drift peculiar to the 1200MHz band. The RIT circuit fine tunes receive frequencies and the VXO circuit fine tunes transmit frequencies.
- Lettering on all the most important switches on the REMOTE CONTROLLER is illuminated. The area around the TUNING CONTROL also lights up for reliable night-time operation.



- A built-in dimmer function allows you to adjust the brightness of the FUNCTION DISPLAY and switches to suit the ambient light conditions of your operating environment.
- A LOCK SWITCH prevents accidental frequency and memory channel changes. The microphone also has its own independent UP/DOWN ON-OFF SWITCH.

ICOM TECHNICAL EXCELLENCE: OPTICAL FIBER TECHNOLOGY IN TRANSCEIVER COMMUNICATIONS

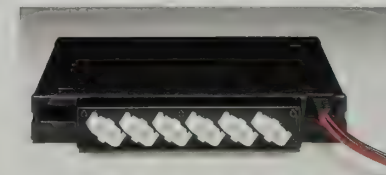
The IC-900A/E utilizes the most advanced development in data transfer technology — the optical fiber cable.

The IC-900A/E optical fiber cable connects INTERFACE UNIT-A in the vehicle passenger compartment to INTERFACE UNIT-B in the trunk. The cable sends command signals from the REMOTE CONTROLLER and input signals from the microphone to each band unit. It also sends operating data signals and received communication signals from each band unit to the speakers. These data and signals are converted from an analog signal to a light signal by the built-in PWM (Pulse Width Modulation)

modulator circuit in the interface units and are sent by optical fiber cable. The signal is demodulated to an analog signal by a PWM demodulator circuit and sent to each unit. The use of optical fiber technology means smooth and reliable operation of the IC-900A/E control functions on up to as many as six separate bands. It also ensures that transmit and receive performances are enhanced by preventing the influence of external noise and interference caused by antenna output power. Flexible and small in diameter, the IC-900A/E optical fiber cable will fit inconspicuously anywhere inside your vehicle.

ICOM PRIDE IN SEEING THE IC-900A/E PERFORM

At ICOM there is always a sense of wanting to keep up with the times. And there is another sense as well — wanting to create the times. The new IC-900A/E has done just that. It demonstrates ICOM's willingness to pioneer radio communications into unexplored realms. The following components are what make the IC-900A/E such a special performer:



INTERFACE UNIT-A

177(W) × 25(H) × 177(D)mm. Sleek, compact body design. Secure connection of the REMOTE CONTROLLER, microphone, and speakers. The interface unit supplies the optical fiber connection to INTERFACE UNIT-B and can be easily installed under the driver's seat or in any other convenient location.

INTERFACE UNIT-B

177(W) × 25(H) × 192(D)mm. Slim, durable body design. INTERFACE UNIT-B easily accepts up to six attachable band units and can be conveniently located in your vehicle's trunk or in another accessible location.

A VARIETY OF QUALITY ICOM BAND UNITS

ICOM offers the following band units for use with the IC-900A/E:

- UX-19A/E 28MHz BAND UNIT
- UX-59A 50MHz BAND UNIT
- UX-29A/E/H 144MHz BAND UNIT
- UX-39A 220MHz BAND UNIT
- UX-49A/E 430/440MHz BAND UNIT
- UX-129A/E 1200MHz BAND UNIT

Up to six band units can be selected for use with the IC-900A/E.

SPECIFICATIONS

General

Expanded band	: 6 bands maximum
Memory channel	: 10 channels on each band
Frequency stability	: ± 10 ppm ($-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$)
Power supply requirement	: 13.8V DC $\pm 15\%$ (negative ground)
Microphone impedance	: 600 Ω
Audio output power	: More than 2.4W
Audio output impedance	: 4~8 Ω
Current drain	: 600mA (MAIN and SUB band both stand-by) 1.7A (MAIN and SUB band both max. audio) * Current drain in transmit mode depends on each band unit.

Dimensions

REMOTE CONTROLLER	: 150(153)(W) \times 50(50)(H) \times 25(38)(D)mm
INTERFACE UNIT-A	: 177(177)(W) \times 25(25)(H) \times 177(177)(D)mm
INTERFACE UNIT-B	: 177(179)(W) \times 25(27)(H) \times 193(202)(D)mm

Bracketed values include projections

Weight

REMOTE CONTROLLER	: 200g
INTERFACE UNIT-A	: 500g
INTERFACE UNIT-B	: 900g

Usable temperature range : $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

*All stated specifications are approximate and subject to change without notice or obligation.

OPTIONS

MODEL	FREQUENCY RANGE	OUTPUT POWER		SELECTABLE TUNING STEP
		HIGH	LOW	
UX-19A/E	28.00~30.00MHz	10W	1W	5, 10, 15, 20, 25kHz
UX-59A	50.00~54.00MHz	10W	1W	5, 10, 15, 20, 25kHz
UX-29A (USA, Asia)	*1 138.00~174.00MHz (Receive) 140.10~150.00MHz (Transmit)	25W	5W	5, 10, 15, 20, 25kHz
UX-29A (Australia)	144.00~148.00MHz	25W	5W	5, 10, 15, 20, 25kHz
UX-29E (Europe)	144.00~146.00MHz	25W	5W	12.5, 25kHz
UX-29E (Italy)	140.00~150.00MHz	25W	5W	12.5, 25kHz
UX-29H (USA, Asia)	*1 138.00~174.00MHz (Receive) 140.00~150.00MHz (Transmit)	45W	5W	5, 10, 15, 20, 25kHz
UX-29H (Australia)	144.00~148.00MHz	45W	5W	5, 10, 15, 20, 25kHz
UX-29H (Europe)	144.00~146.00MHz	45W	5W	12.5, 25kHz
UX-29H (Italy)	140.00~150.00MHz	45W	5W	12.5, 25kHz
UX-39A	*2 216.00~236.00MHz (Receive) 220.00~225.00MHz (Transmit)	25W	5W	5, 10, 15, 20, 25kHz
UX-49A (USA)	440.00~450.00MHz	25W	5W	5, 10, 15, 20, 25kHz
UX-49A (Australia, Asia)	430.00~440.00MHz	25W	5W	5, 10, 15, 20, 25kHz
UX-49E	430.00~440.00MHz	25W	5W	12.5, 25kHz
UX-129A	1240.00~1300.00MHz	10W	1W	10, 20kHz
UX-129E	1240.00~1300.00MHz	10W	1W	12.5, 25kHz

Guaranteed frequency range: *1 144.00~148.00MHz *2 220.00~225.00MHz

- **SP-8** : EXTERNAL SPEAKER
- **SP-10** : MOBILE SPEAKER
- **HS-15** : FLEXIBLE MOBILE MICROPHONE
- **HS-15SB** : SWITCHBOX FOR HS-15
- **SM-8** : DESK MICROPHONE
- **SM-10** : COMPRESSOR/GRAPHIC EQUALIZER DESK TOP MICROPHONE
- **MB-21** : REMOTE CONTROLLER BRACKET
- **CF-11** : COOLING FAN KIT
- **OPC-184** : POWER CABLE (For high power band unit)
- **OPC-189** : OPTICAL FIBER CABLE (20m in length)
- **UT-28** : DIGITAL CODE SQUELCH UNIT
- **UT-29** : TONE SQUELCH UNIT
- **WR-200/WR-2000** : SWR & POWER METERS
- **WRC-450** : DIRECTIONAL COUPLER (for WR-200/WR-2000, 140 ~ 450MHz)
- **WRC-1300** : DIRECTIONAL COUPLER (for WR-200/WR-2000, 1200 ~ 1300MHz)



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Fax : (0227)360155
Telex : 965179 ICOM G

Your local agent/dealer :

"S" SERIES TRANSCEIVERS

Thank you for purchasing an Icom handheld transceiver.

This brochure shows various options available for Icom "S" series handheld transceivers.





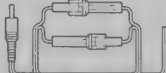
■ BATTERY PACKS


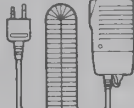
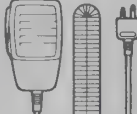


BATTERY PACKS	BP-81	BP-82	BP-83	BP-84	BP-85	BP-90
CAPACITY	110 mAh	300 mAh	600 mAh	1000 mAh	340 mAh	Battery case AA (R6) size x 6
VOLTAGE	7.2 V	7.2 V	7.2 V	7.2 V	12.0 V	7.2 or 9.0 V
HEIGHT	30 mm (1.2 in)	40 mm (1.6 in)	59.5 mm (2.3 in)	76 mm (3.9 in)	76 mm (3.9 in)	59.5 mm (2.3 in)
CHARGING PERIOD AND CHARGERS	1 hr. : BC-72 15 hrs.: BC-73, BC-74, OP-12, OPC-254	1 hr. : BC-72 15 hrs.: BC-73, BC-74, CP-12, OPC-254	1 hr. : BC-72 15 hrs.: BC-74, CP-12, OPC-254	1 hr. : BC-72 15 hrs.: BC-74, CP-12, OPC-254	1.5 hrs.: BC-72 15 hrs.: BC-74, CP-12, OPC-254	NiCd batteries only* 15 hrs.: BC-74, CP-12, OPC-254

Charging periods are approximate.

*NEVER charge dry batteries. This may cause internal liquid leakage of the batteries.

■ OPTIONS

BC-72 DESKTOP CHARGER	BC-73E/D WALL CHARGER	BC-74A/E/D/V WALL CHARGER	CP-12 CIGARETTE LIGHTER CABLE WITH NOISE FILTER	OPC-254 MINI DC POWER CABLE
				
Rapidly charges BP-81 ~ BP-85. Both AC and DC can be used. BA-12 is required for "SAT/SET."	Charges BP-81 or BP-82. Available in Europe and Asia only.	Charges BP-81 ~ BP-85 and BP-90 with NiCd batteries.	For operating the transceiver or charging a battery pack with a cigarette lighter socket.	For operating the transceiver or charging a battery pack with an external power supply.

HS-51 HEADSET	HM-46 SPEAKER- MICROPHONE	HM-54 SPEAKER- MICROPHONE	MB-30 MOUNTING BRACKET	AD-14 BATTERY CHARGE ADAPTER
				
Includes VOX control PTT switch and "one touch PTT."	Combination speaker-microphone. Equipped with an earphone jack.	Combination speaker-microphone. Heavy-duty type.	For mounting the transceiver in a vehicle or to a wall.	For charging a battery pack without a transceiver.

- **BA-11** BOTTOM CAP
Protects bottom terminals when using an external power supply. Same type supplied with "SAT/SET."
- **BA-12** BATTERY CHARGE ADAPTER
For rapid charging the "SAT/SET" internal battery with the BC-72.
- **HM-9** SPEAKER-MICROPHONE
Combination speaker and microphone.
- **UT-49** DTMF DECODER UNIT
Ensures paging and code squelch functions with DTMF codes. The IC-24AT/ET cannot accept this unit.
- **UT-50** TONE SQUELCH UNIT
Provides a "personalized" tone squelch system with other stations.
- **UT-51** PROGRAMMABLE TONE ENCODER UNIT
Allows you to access repeaters requiring a subaudible tone.

Ask your Icom Dealer when using the UT-49, UT-50 or UT-51 with the "SA/SE" series transceiver.

■ CARRYING CASES

BATTERY PACKS AND BOTTOM CAP	SA/SE SERIES TRANSCEIVERS	SAT/SET SERIES TRANSCEIVERS	IC-24AT/ET
BP-81	LC-53	—	LC-63
BP-82, BP-83 BP-86, BP-90	LC-55	LC-59	LC-65
BP-84, BP-85	LC-56	LC-61	LC-66
BA-11	LC-53	LC-57	LC-63

BP-86 is no longer produced.

HF ALL BAND TRANSCEIVER

IC-761



 **ICOM**
First in Communications

HF ALL BAND SSB CW RTTY AM FM 100W TRANSCEIVER

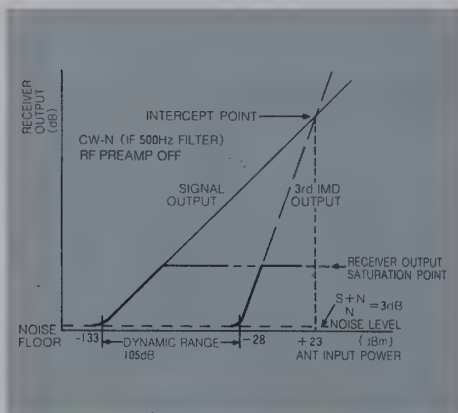
IC-761

DX-EXPLORER

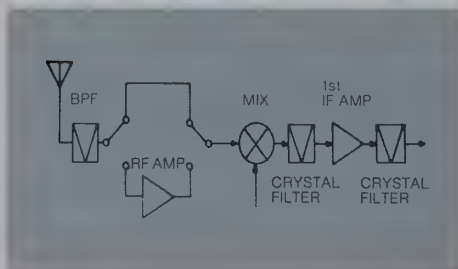
SUPERIOR DYNAMIC RANGE OF 105dB

The IC-761 dynamic range is superb because of built-in high performance receive circuits that reduce intermodulation and cross modulation effects. The IC-761 incorporates the ICOM DFM (Direct Feed Mixer) for the front end which produces a higher intermodulation and cross modulation rejection ratio. A low noise figure is obtained by utilizing two J-FETs 2SK125 for the 1st mixer. The IC-761 has a guaranteed intercept point of +23dBm and a dynamic range of 105dB (on the 14MHz band, IF passband width 500Hz). These circuits reduce intermodulation and blocking effects and make it possible to receive signals from DX or weak signal stations.

● Intercept point and dynamic range



● ICOM Direct Feed Mixer method



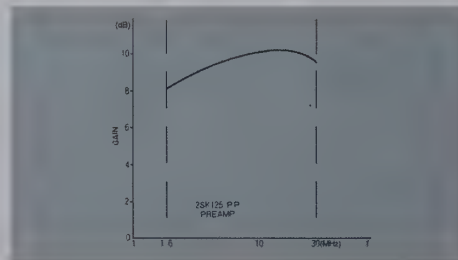
UP CONVERSION-TYPE RECEIVER CIRCUITS

The IC-761 utilizes a well-designed quadruple up-conversion scheme that minimizes image and spurious response. The 1st IF is 70.4515MHz; the 2nd IF is 9.0115MHz; the 3rd IF is 455kHz; and the 4th IF is 9.0115MHz.

WIDE DYNAMIC RANGE RF PREAMPLIFIER

The IC-761 provides consistently good intermodulation and blocking rejection characteristics. Two J-FETs 2SK125 are used as a push-pull, giving the IC-761 a wide dynamic range of more than 102dB whenever the PREAMP SWITCH is ON.

● RF preamplifier gain characteristics



20dB ATTENUATOR

Added protection against strong signals such as broadcasting stations or local stations is assured with the IC-761 due to a superb 20dB attenuator.

SUPERIOR FREQUENCY STABILITY AND C/N RATIO PLL SYSTEM

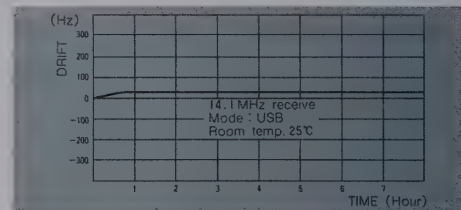
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HIGH STABILITY REFERENCE CRYSTAL OSCILLATOR

The PLL system employs a reference crystal oscillator, the CR-64 with a temperature-compensating oven heater. This oscillator supplies all circuits in the PLL system with a reference frequency. Frequency stability of the local oscillator frequency from the PLL system is guaranteed within $\pm 20\text{Hz}$ (in the range of $-10^\circ\text{C} \sim +60^\circ\text{C}$).



● Frequency stability characteristics of CR-64 frequency.



100kHz MARKER OSCILLATOR CIRCUIT

The marker signal is also made from the reference frequency in the PLL system. Just calibrate the marker frequency to WWV or other standard frequency stations that adjust all frequencies in the IC-761.

HEAVY DUTY POWER SUPPLY SYSTEM

Lightweight, compact, yet heavy duty, the IC-761's switching power supply provides the transceiver with an ample power source. It operates in 100% duty cycle conditions.

ALL MODE AND GENERAL COVERAGE RECEIVER

The IC-761 is a high performer on all ham bands from 1.8 to 28MHz in all modes: LSB, USB, CW, AM, FM and RTTY modes. And complete general coverage receiving is guaranteed from 0.1 to 30MHz.

DX'er's Delight! The all new, super multi-featured IC-761 is ICOM's answer to dominating the DX scene with high powered precision and quality. Packed with fully standard equipment such as a CW narrow filter, a state-of-the-art antenna tuner, and a CW full break-in circuit, the IC-761 delivers consistently superb performances, virtually ensuring its superior rank throughout the duration of the Cycle 22 period.

With an advanced receive circuit, a short tune-up time, a heavy-duty power supply system, and all the latest specifications and high performance functions, the new IC-761 is guaranteed to make DX'ing more thrilling and satisfying than ever!

See the ICOM IC-761 today at dealers everywhere — a modern technological marvel that marks the dawn of a new era.



HF ALL BAND SSB CW RTTY AM FM 100W TRANSCEIVER

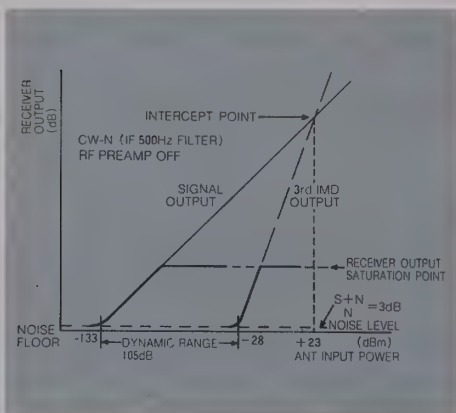
IC-761

DX-EXPLORER

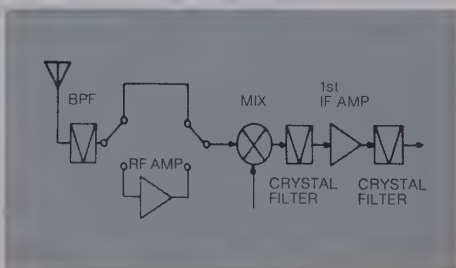
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● Intercept point and dynamic range



● ICOM Direct Feed Mixer method



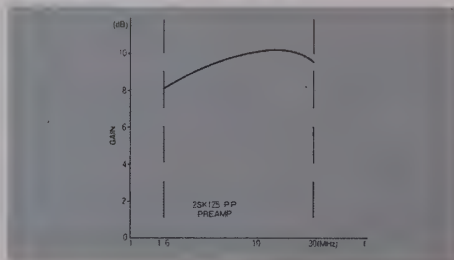
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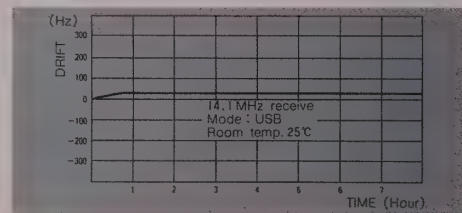
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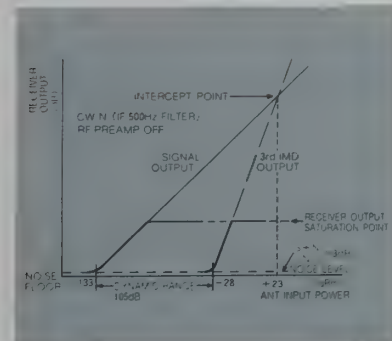
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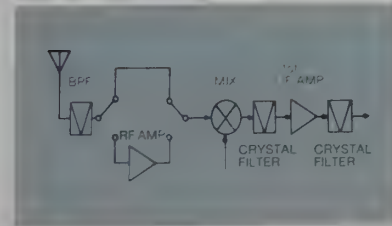
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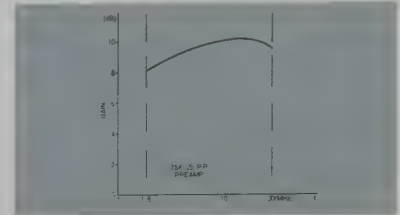
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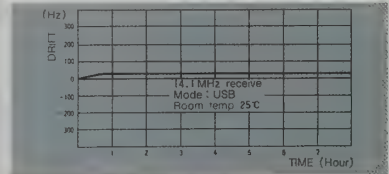
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The IC-761 is a high performer on all ham bands from 1.8 to 28MHz in all modes: LSB, USB, CW, AM, FM and RTTY modes. And complete general coverage receiving is guaranteed from 0.1 to 30MHz.

POWER AMPLIFIER

The IC-761 is equipped with a proven high performance, low distortion solid-state power amplifier that guarantees 3rd IMD at less than -38dB on the 14MHz band at 100W of PEP clean RF output power.

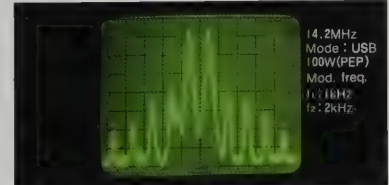
EFFICIENT COOLING SYSTEM

The IC-761 cooling system is constructed with a specially designed heatsink that contains a built-in temperature detector circuit for final transistor protection and a high performance cooling fan with four separate speeds. This cooling system provides a simultaneous supply of cool air to the power amplifiers and bandpass filters and 100% duty cycle CW and RTTY operation.

10W~100W VARIABLE RF OUTPUT POWER

The IC-761 provides continuous control of RF output power from 10W to 100W. This function is good for local QSO or for driving a linear amplifier.

● Transmission two-tone IMD characteristics



NEWLY-DESIGNED SWR METER AND PROTECTION CIRCUIT

A calibration-free SWR meter is designed to operate even while in SSB mode and indicates an antenna matching condition. The protection circuit monitors SWR, temperature of the final transistors, and the current of final transistors.

MONITOR CIRCUIT

A monitor circuit is installed in the IC-761 to verify the signal quality of transmitted signals. This circuit detects SSB, RTTY, and AM mode signals from the IF stage during transmission.

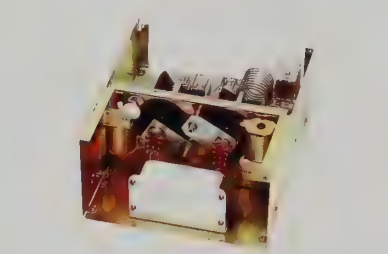
● Solid-state power amplifier



BUILT-IN AUTOMATIC ANTENNA TUNER

Unlike many other transceivers, the IC-761 incorporates a built-in automatic antenna tuner with a fantastic array of features. Just push the TUNER SWITCH and the automatic antenna tuner adjusts the antenna feed line to the minimum SWR. The tune up time is within 3sec. on each ham band.

● Automatic antenna tuner



MORE CW FUNCTIONS FOR TOP DX'ERS

● CW NARROW FILTERS

A top feature of the super advanced IC-761 is its FL-32A 2nd IF and FL-52A 3rd IF CW narrow filters for removing QRM.

● FULL BREAK-IN CAPABILITY

Full break-in and semi break-in capability are standard QSK rated at up to 40wpm, giving you complete DX'ing accessibility.

REMOVING QRM

● PASSBAND TUNING, IF SHIFT TUNING SYSTEMS

Clear, interference-free reception is assured with the IC-761. The passband tuning system narrows the passband width continuously. The IF shift tuning system shifts the center frequency of the passband.

● NOTCH FILTER SYSTEM

The deep notch filter can be tuned to eliminate interfering carrier signals that exist within the passband.

● FILTER SWITCHES

Many different IF filter combinations are available using these switches. Optional IF filters FL-53A (455kHz CW and RTTY Super-narrow Filter), FL-101 (9MHz CW and RTTY Super-Narrow Filter), and

● Notch Filter characteristics



● Passband width of IF filters

MODE	FILTER SWITCH OFF (WIDE)		FILTER SWITCH ON (NARROW)		PBT	IF SHIFT
	2nd IF	3rd IF	2nd IF	3rd IF		
SSB	2.6kHz(-6dB) 3.8kHz(-60dB)	3kHz(-6dB) 4.5kHz(-60dB)	2.6kHz(-6dB) 3.8kHz(-60dB)	2.4kHz(-6dB) 4.2kHz(-60dB)	YES	YES
CW-RTTY	2.6kHz(-6dB) 3.8kHz(-60dB)	2.4kHz(-6dB) 4.2kHz(-60dB)	500Hz(-6dB) 1.34kHz(-60dB)	500Hz(-6dB) 1kHz(-60dB)	YES	YES
CW-RTTYNARROW	500Hz(-6dB) 1.34kHz(-60dB)	500Hz(-6dB) 1kHz(-60dB)	250Hz(-6dB)*2 800Hz(-60dB)	250Hz(-6dB)*3 480Hz(-60dB)	YES*4	YES
AM	6kHz(-6dB)*1 20kHz(-60dB)	6kHz(-6dB) 15kHz(-60dB)	6kHz(-6dB)*1 20kHz(-60dB)	2.6kHz(-6dB) 4.5kHz(-60dB)	NO	NO
FM	(THROUGH)	15kHz(-6dB) 30kHz(-50dB)	(THROUGH)	15kHz(-6dB) 30kHz(-50dB)	NO	NO

*1 : when optional FL-102 is installed

*2 : when optional FL-101 is installed

*3 : when optional FL-53A is installed

*4 : when optional FL-101 and FL-53A are installed

FL-102 (9MHz AM Filter) are available for the IC-761.

SOPHISTICATED CPU FUNCTIONS

● DIRECT FREQUENCY AND MEMORY ENTRY FUNCTION

Direct keyboard entry with the IC-761 allows complete programming versatility. This is especially convenient when the frequency is already known as with a schedule or an expedition QSO.

● 32 TUNABLE MEMORIES

The IC-761 is packed with 32 convenient, fully tunable memories. The operating mode, frequency and other information can be stored in any 32 memories. The frequency in the memories can be easily changed by turning the TUNING CONTROL. This function is useful for expedition QSOs.

● RIT/ΔTX FUNCTION

The receive and transmit frequencies can be shifted by up to $\pm 9.99\text{kHz}$ in 10Hz tuning steps.

● SCAN FUNCTIONS

The IC-761's multiple scanning system includes memory scan, selected mode scan, and programmed scan. This system is highly useful for locating and monitoring difficult-to-find stations.

● DUAL VFOs

Convenient, split (duplex) operation is possible using the contents of VFO A and VFO B.

● 10Hz/50Hz AUTOMATIC TUNING STEP INCREMENT

The IC-761 provides automatic tuning step increment control from 10Hz to 50Hz and vice versa depending on the TUNING CONTROL rotation speed. 1kHz tuning step increments are available via the TUNING SPEED SWITCH.

● FREQUENCY DISPLAY AND MULTI-FUNCTION METER

The IC-761 has a large, easy-to-read FREQUENCY DISPLAY that shows frequency, mode, VFO A/B, memory channel and other information. It also has a convenient MULTI-FUNCTION METER which indicates Ic, Vc, SWR, ALC and additional measurements.

ADDITIONAL FUNCTIONS

The IC-761 has the following additional functions:

- Selectable FAST, SLOW and OFF AGC circuit
- RF speech compressor circuit
- Level adjustable and wide/narrow pulse width selectable noise blanker circuit
- All mode squelch circuit
- VOX circuit
- Receive tone control and transmit audio adjustment circuits
- CI-V bus line for external control using a personal computer

OPTIONAL SP-20 EXTERNAL SPEAKER

This all-new high performance optional speaker comes with built-in audio filters for greater sound quality.



SPECIFICATIONS

■ GENERAL

● Frequency coverage

: Receive
Transmit

0.1MHz ~30.0MHz
1.8MHz ~ 2.0MHz
3.45MHz~ 4.1MHz
6.95MHz~ 7.5MHz
9.95MHz~10.5MHz
13.95MHz~14.5MHz
17.95MHz~18.5MHz
20.95MHz~21.5MHz
24.45MHz~25.1MHz
27.95MHz~30.0MHz

: SSB(A3J), CW(A1), FM(F3), RTTY(F1), AM(A3)
: $\pm 100\text{Hz}$ in the range of $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
: 50Ω (when TUNER SWITCH is OFF)
: 16.7~150 Ω (with TUNER SWITCH ON)
: U.S.A. version AC100~120V
Australia, Europe, France versions AC200~240V
: Max. 650VA transmitting
Max. 80VA receiving
: 424mm(16.7")W×150mm(15.9")H×390mm(15.3")D
(Projections not included)
: 17.5kg (38.6lbs)

● Modes

● Frequency stability

● Antenna impedance

● Power supply requirement

● Power consumption

● Dimensions

● Weight

■ TRANSMITTER

● Output power

: SSB Max. 100W PEP
CW, RTTY, FM Max. 100W
AM Max. 40W

: SSB Balanced modulation
FM Reactance modulation
AM Low level modulation

● Modulation

● Max. frequency deviation

● RTTY shift width

● Spurious emissions

● Carrier suppression

● Unwanted sideband

● Microphone impedance

■ RECEIVER

● Receive system

: SSB, CW, RTTY, AM Quadruple-conversion
FM Triple-conversion

● Intermediate frequencies

: 1st All modes 70.4515MHz
2nd SSB 9.0115MHz
CW, RTTY 9.0106MHz
FM, AM 9.0100MHz
3rd All modes 455kHz
4th SSB 9.0115MHz
CW, RTTY 9.0106MHz
AM 9.0100MHz

● Sensitivity (PREAMP SWITCH ON)

: SSB, CW, RTTY
0.1~0.5MHz Less than 0.5 μV for 10dB S/N
0.5~1.6MHz Less than 1 μV for 10dB S/N
1.6~30MHz Less than 0.15 μV for 10dB S/N
AM (narrow filter selected)
0.1~0.5MHz Less than 3 μV for 10dB S/N
0.5~1.6MHz Less than 6 μV for 10dB S/N
1.6~30MHz Less than 1 μV for 10dB S/N

● Squelch sensitivity

● Selectivity

FM
28~30MHz Less than 0.3 μV for 12dB SINAD
: Less than 0.3 μV
: SSB (FILTER SWITCH ON) 2.4kHz/-6dB
3.8kHz/-60dB
CW, RTTY (FILTER SWITCH ON) 500Hz/-6dB
1kHz/-60dB
AM 6kHz/-6dB
18kHz/-50dB
FM 15kHz/-6dB
30kHz/-50dB
: More than 2.6W at 10% distortion with 8 Ω load
: More than 45dB
: $\pm 9.9\text{kHz}$

● Audio output power

● Notch filter attenuation

● RIT variable range

■ ANTENNA TUNER

● Output matching range

● Minimum input power

● Band switching time

● Auto tuning time

● Auto tuning accuracy

● Insertion loss

: 16.7~150 Ω unbalanced (when TUNER SWITCH is ON)
: 8W
: 3sec. or less
: 3sec. or less
: VSWR 1.2 : 1 or less
: 0.5dB or less (after tuning)

* All stanted specifications are approximate and subject to change without notice or obligation.

OPTIONS

SP-20 EXTERNAL SPEAKER
WITH AUDIO FILTERSIC-2KL 500W LINEAR
AMPLIFIERIC-AT500 500W AUTOMATIC
ANTENNA TUNERSM-8 DESK
MICROPHONESM-10 COMPRESSOR/GRAPHIC
EQUALIZER DESK TOP MICROPHONE

MB-19 RACK MOUNTING HANDLES

FL-101 9MHz CW and RTTY Super-narrow Filter (250Hz/-6dB)

FL-102 9MHz AM Filter (6kHz/-6dB)

FL-53A 455kHz CW and RTTY Super-narrow Filter (250Hz/-6dB)

UT-30 PROGRAMMABLE TONE ENCODER UNIT

IC-EX310 VOICE SYNTHESIZER UNIT

GC-5 WORLD CLOCK

CT-16 SATELLITE INTERFACE UNIT

CT-17 CI-V LEVEL CONVERTER

WR-200 /
WR-2000 SWR & POWER METERS

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Phone: 0211-346047
Fax : 0211-333639
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ICOM (UK) LIMITED

Unit 9, Sea Street,
Herne Bay, Kent, CT6 8LD
England, U.K.
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Telex : 965179 ICOM G

Your local agent / dealer:



**AMATEUR RADIO
RETAIL PRICE LIST
SEPTEMBER 1, 1987**



MODEL					SUGGESTED HAM NET		DESCRIPTION	
BASES	MOBILES	HANDHELDS	REPEATERS	AMPLIFIERS	RECEIVERS			
HF								
IC-761	IC-735							
IC-751A	IC-900			IC-2KL	IC-R71A			
IC-745								
VHF								
IC-275A/H	IC-27A/H	IC- μ 2A/AT		IC-ML1	IC-R7000			
	IC-28A/H	IC-02A/AT		IC-ML25				
	IC-3200A	IC-2A/AT						
	IC-900							
UHF								
IC-475A/H	IC-47A	IC-04AT	RP-3010		IC-R7000			
	IC-48A	IC-4AT						
	IC-900	IC- μ 4AT						
1.2GHz								
IC-1271A	IC-1200	IC-12AT	RP-1210		IC-R7000			
	IC-900							
220MHz								
IC-375A	IC-37A	IC-3AT	RP-2210		IC-R7000			
	IC-38A	IC-03AT						
	IC-900							
6 METER								
IC-575A	IC-900				IC-R7000			

BASE STATIONS

IC-275A	\$1199.00	2M XCVR, 12V, FM/SSB/CW 25W, Int. Power Supply
IC-275H	1389.00	2M XCVR, 12V, FM/SSB/CW, 100W
IC-375A	1399.00	220MHz XCVR, FM/SSB/CW, 25W Int. Power Supply
IC-475A	1399.00	430-450MHz XCVR, FM/SSB/CW, 25W Int. Power Supply
IC-475H	1599.00	430-450MHz XCVR, FM/SSB/CW, 100W Int. Power Supply
IC-575A	1399.00	6M/10M XCVR, FM/SSB/CW, 25W Int. Power Supply
IC-735	999.00	HF All Ham Band, General Coverage XCVR, 12V
IC-745	1049.00	HF All Ham Band, General Coverage XCVR, 12V
IC-751A	1649.00	HF All Ham Band, General Coverage XCVR, 12V
IC-761	2499.00	HF All Ham Band, General Coverage XCVR, Built-in Antenna Tuner and PS
IC-1271A	1229.00	1.2GHz, FM, 10W, 12V All Mode

RECEIVERS

IC-R71A	\$ 949.00	100kHz to 30MHz Rcvr, Keyboard Entry, 117V AC
IC-R7000	1099.00	25 to 1300 \times MHz Rcvr, Keyboard Entry, 117V AC

MOBILES

IC-27A	\$429.00	2M FM, 25W, Syn, 9 Memo, 12V DC, HM-23
IC-27H	459.00	2M FM, 45W, Syn, 9 Memo, 12V DC, HM-23
IC-28A w/HM14	429.00	2M FM, 25W, Syn, 21 Memo, 12V DC, HM-12
IC-28H w/HM14	459.00	2M FM 45W, Syn, 21 Memo, 12V DC, HM-12
IC-37A	499.00	220MHz FM, 25W, Syn, 12V, HM-23

IC-38A w/HM14	\$459.00	220MHz FM, 25W, Syn, 21 Memo, 12V DC, HM-12
IC-47A	489.00	440MHz FM, 25W, Syn, 9 Memo, 12V DC, HM-23
IC-48A w/HM14	549.00	440MHz FM, 25W, Syn, 21 Memo, 12V DC, HM-12
IC-900	459.00	Fiber Optic Multi-Band Transceiver
IC-1200	489.00	1.2GHz, FW, 10W
IC-3200A	589.00	Dual Band XCVR, 2M, 70cM, 25W, HM-14

HANDHELDS

IC-2A	\$279.00	2M 800CH HT NiCd & Charger
IC-2AT	299.00	2M 800CH NiCd/TT/Charger
IC-02AT w/IC-BP7 w/IC-BP3	399.00	2M 5W Digital HH w/DTMF, FM
	365.00	2M 3W Digital HH w/DTMF, FM
IC- μ 2A	299.00	2M Syn HT, NiCd/Charger
IC- μ 2AT	329.00	2M Syn HT w/DTMF, NiCd/Charger
IC-3AT	339.00	220MHz Syn HT/NiCd/Charger/DTMF
IC-03AT	449.00	220MHz Syn HT w/DTMF, NiCd/Charger
IC-4AT	339.00	440MHz Syn HT NiCd/Charger/DTMF
IC- μ 4AT	369.00	440MHz Syn HT, NiCd/Charger
IC-04AT	449.00	440MHz 3W Digital HH W/DTMF, NiCd/Charger
IC-12AT	459.00	1.2GHz 1260-1299.99MHz, NiCd/Charger DTMF

REPEATERS

RP-1210	\$1479.00	1.2GHz, Syn, ID'er, DTMF, 10W, CTCSS
RP-2210	1499.00	220MHz, 25W, CTCSS, ID'er, DTMF, Dip Switch Programmable
RP-3010	1229.00	440MHz, 10W, CTCSS, ID'er, DTMF, Crystal Controlled

AMPLIFIERS

IC-2KL w/PS	\$1999.00	15-160M Standard Solid State Amplifier - IC-701/720/730/740/745/751/751A
ML1	110.00	2.3-10W MBL Booster - IC-2A/2AT
ML25	164.75	20W Booster - IC-2A/2AT/02AT

ANTENNA TUNERS

(701/720/720A/730/740/735/745/751/751A):

AH2	\$625.00	All Band Antenna Tuning System (includes Controller Unit, Tuner Unit and Antenna Element)
AH2a	495.00	All Band Antenna Tuning System (includes Controller Unit and Tuner Unit)
AT100	445.00	Automatic Antenna Tuner - 100W, 12V or AC
AT150	445.00	Automatic Antenna Tuner - 150W, 12V or AC
AT500	559.00	Automatic Antenna Tuner - 500W, 12V or AC

SPEAKERS

SP3	\$ 61.00	Base Station External Speaker
SP4	31.00	Remote Speaker for Portables
SP5	29.95	Remote Speaker for Mobiles
SP7	49.00	Adjustable Base Station Speaker
SP8	35.99	Slim Line External Speaker with Visor Clip
SP10	35.99	4 ohm Speaker for IC-27A/27H/37A/47A
SP20	149.00	External Speaker/Audio Filter for IC-761

ICOM MICRO HANDHELD ACCESSORY PRICE LIST

MODEL	DESCRIPTION	SUGGESTED RETAIL PRICE
AD-10	Charger Adapter for BC-35 Desktop Charger	\$ 12.99
AD-11	Battery Pack Adapter for IC-BP3, IC-BP5 and IC-BP8	10.00
BC-16U*	Wall Charger for BP-23 and BP-24 Battery Packs	20.25
BC-25U*	Wall Charger for BP-21 and BP-22 Battery Packs (comes with Micro)	16.25
BC-50	Desktop Quick Charger for all Micro Battery Packs (except BP-20)	74.50
BP-20	Alkaline Battery Case	15.25
BP-21	120mAH at 7.2V NiCd Battery Pack	33.99
BP-22	270mAH at 8.4V NiCd Battery Pack	37.50
BP-23	600mAH at 8.4V NiCd Battery Pack	47.00
BP-24	600mAH at 10.8V NiCd Battery Pack	49.00
IC-CP1*	Cigarette Lighter Plug and Cord	13.00
DC-25	DC-DC Converter	23.25
FA-140BA	Replacement antenna for IC- μ 2A/ μ 2AT	11.50
FA-430B	Replacement antenna for IC- μ 4AT	11.50
IC-HM9*	Speaker Mic	47.00
HM-46L	Speaker Mic for IC- μ 2A/ μ 2AT/ μ 4AT	29.99
HS-10*	Headset with Boom Mic	23.25
HS-10SA*	VOX Unit for use with HS-10	23.25
HS-10SB*	PTT Unit for use with HS-10	23.25
LC-24	Carrying Case — IC- μ 2A with BP-21 Battery Pack	12.95
LC-25	Carrying Case — IC- μ 2A with BP-20 Battery Pack	12.95
LC-26	Carrying Case — IC- μ 2A with BP-22, BP-23 and DC-25	12.95
LC-27	Carrying Case — IC- μ 2A with BP-24 Battery Pack	12.95
LC-28	Carrying Case — IC- μ 2AT/ μ 4AT with BP-21 Battery Pack	19.50
LC-29	Carrying Case — IC- μ 2AT/ μ 4AT with BP-20 Battery Pack	19.50
LC-30	Carrying Case — IC- μ 2AT/ μ 4AT with BP-22	19.50
LC-31	Carrying Case — IC- μ 2AT/ μ 4AT with BP-24 Battery Pack	19.50
MB-20	Belt Clip	3.95
S-Strap*	Shoulder Strap for Micro	16.95
UT-37	Tone Squelch Unit	42.50
UT-38	DTMF Unit for IC- μ 2A	25.99
UT-39	Tone Encoder Units for IC- μ 2A	19.99

* Currently listed on September 1, 1987 Price List

ICOM America, Inc. reserves the right to change, prior to notice, prices, specifications, or to discontinue models.

September 1, 1987

ICOM MICRO HANDHELD ACCESSORIES

BATTERY PACKS

ICOM offers various battery packs to suit your needs. These battery packs can be easily charged by using a desk battery charger, a wall charger, or a car battery with a cigarette lighter cable. Each battery pack has unique characteristics for output voltage, battery lifetime, size and suitable charger. Select the battery pack that best meets your requirements. The BP-20 is only for dry battery use. NiCd batteries can be used with the BP-20 but it is impossible to charge them.

		BP-20	BP-21	BP-22	BP-23	BP-24
Internal Cells (Capacity)		AA Size Dry batteries x 6 or AA size NiCd x 6	NiCd x 6 (120mAH)	NiCd x 7 (270mAH)	NiCd x 7 (600mAH)	NiCd x 9 (600mAH)
Output Voltage		9V	7.2V	8.4V	8.4V	10.8V
Charging Period	BC-50	N/A	1H	1H	1H	1H
	BC-25	N/A	15H	15H	N/A	N/A
	BC-16	N/A	N/A	N/A	15H	15H
	IC-CP1 or EXT. DC Power Source	N/A	15H	15H	15H	15H
	*1 BC-35	N/A	15H	15H	15H	15H
Charging Period	Quick Charge	—	180mA	400mA	800mA	800mA
	Normal Charge	—	12mA	27mA	60mA	60mA
Height		54mm	32.5mm	62mm	70.5mm	85mm
RF Output Power		1.4W	1.2W	1.6W	1.6W	2.6W
*2 Operating Time		—	2H	4.5H	10H	8H
Features		• Regular dry batteries AA size can be used.	• Small size and light weight.	• For normal power output.	• For long life with normal power output.	• For HIGH power output.

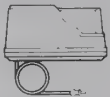
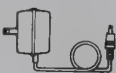



*1 The optional AD-10 CHARGER ADAPTER must be used with BC-35. However, quick charges are impossible when the AD-10 is in use.

*2 Stated operation times are approximate and are determined by the following ratio: Transmit (HIGH) : Receive : Standby = 1 : 1 : 8

N/A: Not Applicable

All stated specifications are approximate and subject to change without notice or obligation.

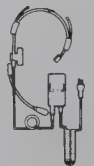
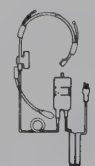




BATTERY PACK CHARGERS AND REGULATOR

	DESK BATTERY CHARGER BC-50	WALL CHARGER BC-16U BC-25U	CIGARETTE LIGHTER CABLE IC-CP1	DC-DC CONVERTER DC-25	CHARGER ADAPTER AD-10
Figure					
Input Voltage	117V AC: BC-50U	117V AC: BC-16U, BC-25U	13.8V DC	13.8V DC (9.4V DC Output)	Adapter for BC-35

INTERNAL ACCESSORIES

UT-37 TONE SQUELCH UNIT	UT-38 DTMF UNIT	UT-39 TONE ENCODER UNIT
The tone squelch unit allows you interference-free communications, and also allows a "Personalized" Squelch.	The DTMF unit allows you to make DTMF tones that access a repeater or make an auto phone-patch. (Already included in IC-μ2AT and IC-μ4AT.)	The tone encoder unit allows you to access a repeater. (Already included in IC-μ2AT and IC-μ4AT.)

EXTERNAL ACCESSORIES

HS-10 + HS-10SA HEADSET + VOX UNIT	HS-10 + HS-10SB HEADSET + PTT SWITCH BOX	IC-HM9 SPEAKER-MICROPHONE	MB-20 BELT-CLIP	SHOULDER STRAP	CARRYING CASES
					
• HEADSET with VOX control.	• HEADSET with manual T/R switching.	• Combination speaker and microphone.	• Handy belt clip for complete mobility.	• For transporting your handheld.	• A variety of battery pack carrying cases is available.

MODEL	SUGGESTED HAM NET	DESCRIPTION	MODEL	SUGGESTED HAM NET	DESCRIPTION
POWER SUPPLIES					
PS15	\$169.00	12V Power Supply - IC-271/471/ 720/730/740/745/751/751A	EX195	44.00	Marker Unit for Frequency Calibra- tion - IC-730
PS25	115.00	Internal Power Supply - IC-271A/ 471A/1271A	EX199	39.50	Remote Frequency Selector - IC-22U
PS30	299.00	External Power Supply for up to 4 ICOM Transceivers (requires option cord)	EX202	31.00	LDA-2 Unit for Automatic Band Switching - IC-730
PS35	199.00	Internal Power Supply for IC-271H/ 471H/745/751/28A/751A	EX203	44.00	CW Audio Filter, 150Hz/6dB - IC-730
PS45	139.00	Slim-line external Power Supply for IC-120/22U/25A/27A/28A/290A/ 37A/38A/45A/47A/48A/490A/1200	EX205	32.50	TRV Unit for Transverter Switching - IC-730
PS55	199.00	External Power Supply for IC-735/ 275A/275H/375A/475A/475H/575A	EX241	22.50	Marker Unit - For Frequency Cali- bration - IC-740/745
			EX242	44.00	FM Unit - IC-740/745
			EX243	56.00	Electronic Keyer Unit - IC-735/740/ 745
			EX248	55.50	FM Unit - IC-505
			EX257	42.50	FM Unit - IC-R70/R71A
			EX299	12.25	12 Volt Option - IC-R70/R71A/ R7000 (CK70)
			EX309	41.50	Microprocessor Interface Connector - IC-271A/271H/471A/471H/751/ 751A/R71A/1271A
			EX310	46.00	Voice Synthesizer - IC-271A/271H/ 471A/471H/751A/R71A/1271A
			EX390	5.50	Bottom Slide Cap - All handhelds except IC- μ 2A/ μ 2AT/ μ 4AT
			FA1	11.50	Flexible Antenna - IC-202/215
			FA2	11.50	Flexible Antenna - IC-2A/2AT/02AT
			FA3	11.50	Flexible Antenna - IC-4A/4AT/04AT
			FL30	66.50	SSB Passband Tune Crystal Filter - IC-730
			FL32	66.50	500Hz 9MHz CW Filter - IC-720A/ 751/R71A/375A
			FL32A	66.50	500Hz 9MHz CW Filter - IC-720A/ 735/751/R70/R71A
			FL33	35.25	6.0kHz 9MHz AM Filter - IC-751/ 751A
			FL34	55.50	AM Filter - IC-720A
			FL44A	178.00	455kHz SSB Crystal Filter - IC-730/ 740/745/R70/R71A
			FL45	66.50	CW Narrow Crystal Filter - IC-730/ 740/745
			FL52	108.00	500Hz 455kHz CW Filter - IC-740
			FL52A	108.00	500Hz 455kHz CW Filter - IC-740/ 745/751/751A
			FL53	108.00	250Hz 455MHz CW Filter - IC-740
			FL53A	108.00	250Hz 455MHz CW Filter - IC-740/ 745/751/751A/761
			FL54	53.00	270Hz 9MHz CW Filter - IC-730/ 740/745
			FL63	54.50	250Hz 9MHz CW Filter - IC-720A/ 751/R70/R71A/475A/475H/575A
			FL63A	54.50	250Hz 9MHz CW Narrow Filter - IC-R70/R71A/730/735/751/751A
			FL70	52.00	SSB 9MHz, 2.8kHz Filter - IC-751/ 751A
			FL83	TBA	500Hz CW Filter - IC-275A/275H
			FL101	69.95	CW/RTTY 9.0106MHz, 250Hz, Filter for IC-761
			FL102	56.00	AM 9.0100MHz for IC-761
			GC5	91.95	World Clock
			HM4	32.50	Microphone, 7 pin - RP-1210/ RP-2210/RP-3010
			HM5	38.50	Microphone, 4 pin, Noise Cancelling
			HM7	32.50	Microphone, Amplified, 8 pin
			HM8	55.50	8 Pin Amplified Mic with Tone Encoder
			HM9	47.00	Speaker Mic - IC-2A/2AT/3AT/4AT/ 02AT/03AT/04AT/12AT/ μ 2A/ μ 2AT/ μ 4AT
ALL OTHER ACCESSORIES					
AG1	\$ 99.50	External Mast-Mounted Preamp. for use with IC-451A/471A			
AG20	64.00	Preamp. for use with IC-271A			
AG25	95.00	External Mast-Mounted Preamp. for use with IC-271H/275H/275A			
AG35	95.00	External Mast-Mounted Preamp. for use with IC-471H/475H/475A			
AG1200	105.00	1200MHz Preamplifier for IC-1271A			
AH32	37.00	Dual Band Antenna for use with IC-3200A			
AHB32	34.00	Trunk mount bracket for AH-32			
AH7000	89.95	Radiating Antenna - IC-R7000			
BC16U	20.25	Wall Charger - IC-BP7/BP8			
BC25U	16.25	Wall Charger - IC-BP3 Battery Pack			
BC35	74.50	Drop-in Desk Charger - All Batteries			
BP2	47.00	425mAH at 7.2V NiCd Pack			
BP3	37.50	250mAH at 8.4V NiCd Pack			
BP4	15.25	Alkaline battery case			
BP5	58.50	425mAH at 10.8V NiCd Pack			
BP7	74.25	425mAH at 13.2V NiCd Pack - IC-02AT/03AT/04AT Only			
BP8	74.25	800mAH at 8.4V NiCd Pack - All handhelds			
CA3	11.00	Flexible Antenna - IC-3A/3AT			
CA4	18.95	1/2 Wave Telescoping Antenna - IC- 2AT/02AT			
CA5	18.95	5/8 Wave Telescoping Antenna - IC-2A/2AT/02AT			
CA6	18.95	140MHz 1/2 Wave Telescoping Antenna			
CA7	18.95	220MHz 1/2 Wave Telescoping Antenna			
CC1	11.00	Adapter Cable to PS20 - IC-735/ 745/751/751A			
CF11	56.00	Cooling Fan for IC-900			
CP1	13.00	Cigarette Lighter Plug and Cord - IC-2A/2AT with DC1 or IC-02AT/ 03AT/04AT or IC- μ 2A/ μ 2AT/ μ 4AT with DC-25			
CP10	22.50	Battery Separator Cable for all Handhelds except IC- μ 2A/ μ 2AT/ μ 4AT			
CR64	63.00	High Stability Oscillator Crystal - IC-751/751A/R71A/275A/275H/ 475A/475H			
CT-16	97.50	Satellite Interface Unit			
CT-17	97.50	Communication Interface-V (CI-V) Level Converter			
DC1	23.25	DC Operation Pack - All ICOM Handhelds except IC- μ 2A/ μ 2AT/ μ 4AT			
DM10	58.95	Pen-type digital multimeter			
DM20	32.95	Pocket-type digital multimeter			

MODEL	SUGGESTED HAM NET	DESCRIPTION	MODEL	SUGGESTED HAM NET	DESCRIPTION
HM10	\$ 44.50	Scanning Mic - IC-25A/255A/260A/ 290A/730	MB18	\$ 24.50	Mobile Mounting Bracket - IC-271/ 471/751/751A
HM11	44.50	Scanning Mic - IC-25A/25H/290A/ 490	MB21	12.99	Bracket for IC-900 Controller Unit
HM12	44.50	Scanning Mic - IC-271/471/735/ 745/751/751A	MB22	6.99	HH Alligator Clip
HM14	55.50	Scanning/Touctone Mic - IC-28A/ 28H/38A/45A/48A	MB23	7.50	Carrying Handle for IC-275A/275H/ 375A/475A/475H/575A
HM16	34.00	Scanning Speaker Mic - IC-27A/ 27H/28A/28H/38A/48A	MB28A	24.50	Mobile Mounting Bracket - IC-28A
HM23	55.50	Scanning/Touctone Mic - IC-27A/ 27H/28A/28H/37A/38A/47A/48A	MB28H	24.50	Mobile Mounting Bracket - IC-28H/ 38A/48A
HM36	44.50	Scanning Mic for IC-761/735/745/ 751/751A	Phone Patch	179.00	Phone Patch - IC-701/720/730/740/ 745/751/751A - Specify Model
HM46	29.99	Speaker Mic for IC-2AT/02AT/3AT/ 03AT/4AT/04AT	RC10	39.25	10 Key Frequency Controller - IC-751/751A Only
HP2	39.00	Headphones	RC11	67.25	Infrared Remote Controller - IC-R71A
HS10	23.25	Headset for ICOM Handhelds, Mobiles and Base Stations	RC12	67.25	Infrared Remote Controller - IC-R7000
HS10SA	23.25	VOX Unit for Handheld use with HS-10 - IC-02AT/03AT/04AT/ μ 2AT/ μ 4AT only	SM5	44.95	8 Pin Base Mic - IC-25A/25H/251A/ 255A/260A/290/451/720/730/740
HS10SB	23.25	PTT Switch Box for Handheld use with HS10 - All Handhelds	SM6	44.95	Desk Mic - IC-271A/271H/471A/ 471H/745/751/751A/735/761
HS15	31.50	Mobile Microphone - All Mobiles and Base Stations	SM8	78.50	Desk Mic with Two Cables - All Base Stations
HS15SB	23.50	PTT Switchbox for mobile use with HS-10 or HS-15 - All Mobiles and Base Stations	SM10	136.25	Graphic Equalizer Desk Mic - All Base Stations
LC2AT	54.50	Leather Carrying Case - IC-2AT with IC-BP3 battery pack	Shoulder Strap	16.95	Handheld Shoulder Strap
LC02AT	54.50	Leather Carrying Case - IC-02AT/ 04AT with IC-BP7/BP8 battery packs	TV-1200	129.00	ATV Unit for IC-1271A
LC5	20.50	Carrying Case/Protective Case - IC-2AT/3AT/4AT with IC-BP5 battery pack	TV-R7000	131.95	TV Adapter for IC-R7000
LC7	20.50	Carrying Case - IC-2AT/3AT/4AT with IC-BP2/BP3 battery packs	UT15	14.00	Interface Board for TS32 Encoder/ Decoder - IC-271A/271H/471A/ 471H/1271A
LC11	20.50	Carrying Case - IC-02AT/03AT/ 04AT with IC-BP3 battery pack	UT15S	92.00	Interface Board with TS32 Encoder/ Decoder - IC-271A/271H/471A/ 471H/1271A
LC12	20.50	Carrying Case - IC-02AT/03AT/ 04AT with IC-BP5 battery pack	UT16 (EX388)	34.99	Voice Synthesizer - IC-27A/27H/ 37A/47A
LC14	20.50	Carrying Case - IC-02AT/03AT/ 04AT with IC-BP7/BP8 battery packs	UT23	34.99	Voice Synthesizer - IC-3200A
Owners Manual	7.50	Any Manual UHF, VHF - Specify Model	UT28	37.50	Digital Code Squelch Unit for IC-28A/28H/38A/48A
Owners Manual	11.50	Owners Manual HF, Receivers - Specify Model	UT29	43.00	Tone Squelch Unit for IC-28A/28H/ 38A/48A
Service Manual	20.00	Service Manual, Handheld/Mobile - Specify Radio	UT30	17.50	Tone Encoder Unit for IC-735
Service Manual	25.00	Service Manual, Base - Specify Radio	UT34	49.50	Tone Squelch for IC-275A
MB2	24.50	Mobile Mounting Bracket - IC-202/ 215/402/502	UT36	33.99	Voice Synthesizer for IC-275/IC-475
MB5	24.50	Mobile Mounting Bracket - IC-211/ 251/451/551/551D/701/720/730/ 735	UX14	72.50	CI-IV/CI-V Converter for IC-R71A/ 271A/271H/471A/471H/751/751A/ 1271A
MB7	24.50	Mobile Mounting Bracket - IC-245 Sideband	UX19A	279.00	28-30MHz 10W Band Unit for IC-900
MB9	24.50	Mobile Mounting Bracket - IC-290	UX29A	295.00	138-174MHz Rx, 140.1-150MHz Tx 25W Band Unit for IC-900
MB10	24.50	Mobile Mounting Bracket - IC-25A/ 25H/3200A	UX29H	339.00	138-174MHz Rx, 140.1-150MHz Tx 45W Band Unit for IC-900
MB11	24.50	Mobile Mounting Bracket - IC-22U/ 225/230/245/280	UX39A	349.00	216-236MHz Rx, 220-225MHz Tx 25W Band Unit for IC-900
MB12	24.50	Mobile Mounting Bracket - IC-740/ 745/R70/R71A/R7000	UX49A	339.00	440-450MHz 25W Band Unit for IC-900
MB16D	24.50	Stainless Steel Wall Storage Unit - All Handhelds	UX59A	339.00	50-54MHz 10W Band Unit for IC-900
MB17	24.50	Mobile Mounting Bracket - IC-27A/ 37A/47A	UX129A	549.00	1240-1300MHz 10W Band Unit for IC-900
			3A-TTN	45.00	Optional 16-Button TT Pad - IC-2A



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 3150 Premier Drive, Suite 126, Irving, TX 75063 / 1777 Phoenix Parkway, Suite 201, Atlanta GA 30349
 ICOM CANADA, A Division of ICOM America, Inc., 3071 - #5 Road, Unit 9, Richmond, B.C. V6X 2T4 Canada

ICOM

HF ALL BAND TRANSCEIVER

IC-725



Compact and easy to operate.
Great for beginners as well as experienced hams.

Icom Inc.

HF ALL BAND TRANSCEIVER

IC-725

COMPACT, LIGHTWEIGHT, AND EASY TO OPERATE

Weighing in at only 4.6 kg (10.1 lb), IC-725 is great for base station, portable, and mobile operation. This rig comes packed with functions and special features, but it's so simple to operate that even novices will love it.

EASILY CONNECTED TO AN ANTENNA TUNER AND LINEAR AMPLIFIER

By connecting the AH-3 HF AUTOMATIC ANTENNA TUNER, you'll get a fully automatic antenna tuning system. This one-touch system is especially useful for mobile operation. It's a cinch to hook up the AT-150 or IC-AT500 AUTOMATIC ANTENNA TUNER. Connect the IC-2KL 500 W LINEAR AMPLIFIER for 500 watts of power.

INNOVATIVE DDS (DIRECT DIGITAL SYNTHESIZER) METHOD

Enter the DDS (Direct Digital Synthesizer) method from Icom — an innovative digital frequency synthesizer system. Using a gate array, DDS directly creates a digital pseudo sine wave. After D/A conversion, the analog output frequency closely resembles an ideal sine wave. The result: C/N, phase noise and blocking characteristics are greatly improved.

10 Hz STEP TUNING

Each frequency step is 10 Hz, making tuning as smooth as if using an analog VFO. Or instantly choose 20 Hz, 50 Hz, 1 kHz or 1 MHz tuning steps.

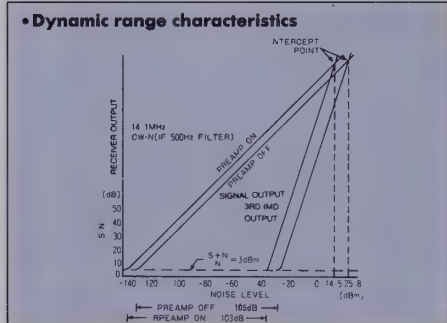
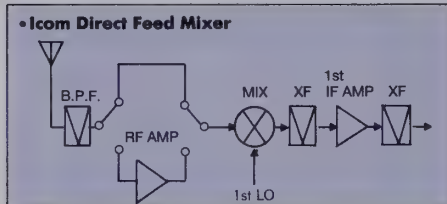
BAND STACKING REGISTER

Enables you to store an amateur frequency, switch bands, and return to the stored frequency. Especially convenient when switching bands during contests, and for quick monitoring of propagation conditions on other bands.

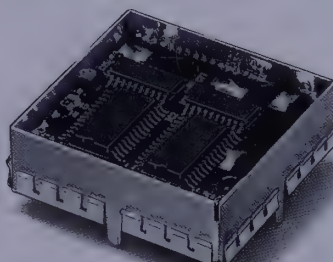
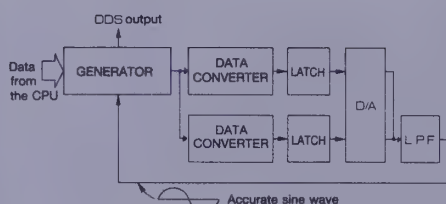
SUPER-SENSITIVE RECEIVER

A dynamic range of 105 dB provides excellent sound reproduction of faint and strong signals on all bands without distortion. The up-conversion system ensures superior image rejection and spurious response characteristics. The sensitivity of $0.15 \mu\text{V}$ for 10 dB S/N* will help you pick weak signals out of the mud. The receiver incorporates the Icom Direct Feed Mixer (DFM) in the front end for excellent intermodulation and cross modulation rejection.

*1.8~30 MHz, SSB or CW, preamp ON



DDS Block Diagram



All the features
reliable communication



MULTI-MODE 100 WATT OUTPUT TRANSMITTER

IC-725 outputs 100 watts on USB, LSB, and CW. Install the UI-7 AM-FM UNIT (optional) and operate AM and FM with 40 watts on AM and 100 watts on FM. Install the UT-30 PROGRAMMABLE TONE ENCODER UNIT (optional) and you can even work FM repeaters on 10 meters. CW semi break-in and sidetone circuitry is built-in. Break-in delay timing is adjustable.

GENERAL COVERAGE RECEIVER

IC-725's receiver section covers 30 kHz to 33 MHz on SSB, CW, AM and FM (UI-7 required for FM). Great for listening to shortwave broadcasts, marine and coastal stations, etc.

26 MEMORY CHANNELS FOR GREAT CONVENIENCE

Store a frequency and a mode in each of the 26 memory channels, and recall them at the touch of a button. Channels 23 and 24 memorize both receive and transmit frequencies for split frequency operation.

ures you need for smooth, communications.



THREE SCANS FOR HANDS-FREE OPERATION

Programmed Scan scans all frequencies between two programmable scan edges. Memory Scan scans all memory channels in succession. Selected Mode Memory Scan scans all memory channels with the same mode. Sit back and relax. Let the rig do the work for you.

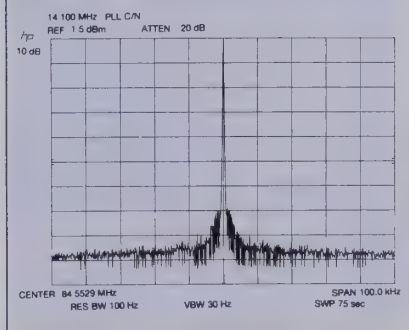
RECEIVER INCREMENTAL TUNING (RIT)

Use RIT to tune above and below a desired signal within ± 1 kHz without changing the operating frequency. The Δf function adds the frequency increment to the operating frequency. This function is a great convenience when working a DX pile-up, operating net control, etc.

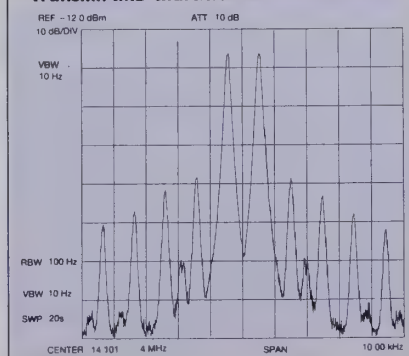
BUILT-IN PREAMPLIFIER AND ATTENUATOR

Turn on the receiver preamplifier to boost a signal by 10 dB. If your antenna's gain is insufficient, you need this preamplifier! Use the 20 dB attenuator and prevent saturation of the receiver's front end by very strong signals.

• PLL C/N characteristics



• Transmit IMD characteristics



AMPLE HEAT DISSIPATION FOR STABILITY AND SAFETY

The large, sturdy aluminum die-cast frame and inner-flow cooling fan maintain a stable internal temperature. IC-725 keeps the output power stable even after long hours of continuous use.

ALL MODE SQUELCH

The all mode squelch, which mutes the speaker, comes in handy when scanning or when working a 10 meter repeater. Signals and noise that are stronger than the squelch threshold level open the squelch, but those below that level do not.

CI-V SYSTEM

With the built-in interface, you can control IC-725 with a personal computer through the CT-17 CI-V LEVEL CONVERTER. You can also control the frequency, mode, VFO A/B selection, memory channels, etc. of several Icom HF rigs with a personal computer through the CI-V line.

LCD FOR EASY VIEWING

The extra large liquid crystal display (LCD) makes it easy to read the frequency, mode, memory channel number, etc. The soft orange background is easy on the eyes. Turn the 10 Hz digit display on and off at the touch of a button.

TWO VARIABLE FREQUENCY OSCILLATORS (VFO)

With two digital VFOs, you can switch back and forth between two frequencies at the touch of a switch. Especially useful for net operation and contests. Equalize the frequencies and modes of both VFOs instantly.

OPTIONAL PLUG-IN CW FILTERS

The serious brasspounder will enjoy our two optional CW NARROW FILTERS: FL-100 (9.0106 MHz; 500 Hz/-6 dB). and FL-101 (9.0106 MHz; 250 Hz/-6 dB). These filters can greatly help out in heavy interference. When the CW filters are installed, select either CW-wide or CW-narrow at the touch of a button on the transceiver.

SPECIFICATIONS

■ GENERAL

- Frequency coverage : Receive 30 kHz~33 MHz
guaranteed range 500 kHz~30 MHz
Transmit 160-m band 1.8 ~ 2.0 MHz
80-m band 3.5 ~ 4.0 MHz
40-m band 7.0 ~ 7.3 MHz
30-m band 10.1 ~ 10.15 MHz
20-m band 14.0 ~ 14.35 MHz
17-m band 18.068~18.168 MHz
15-m band 21.0 ~ 21.45 MHz
12-m band 24.89 ~ 24.99 MHz
10-m band 28.0 ~ 29.7 MHz
- Modes : SSB (A3J), CW (A1), AM (A3), FM (F3)
(UI-7 AM-FM UNIT required for AM transmission and FM transmission reception.)
- Number of memory channels : 26
- Antenna impedance : 50 Ω unbalanced
- Usable temperature range : $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ($+14^{\circ}\text{F} \sim +140^{\circ}\text{F}$)
- Frequency stability : Less than ± 200 Hz up to one hour after the power is turned ON ($+25^{\circ}\text{C}$; $+77^{\circ}\text{F}$)
Less than ± 30 Hz after one hour ($+25^{\circ}\text{C}$; $+77^{\circ}\text{F}$)
Less than ± 350 Hz
($0^{\circ}\text{C} \sim +50^{\circ}\text{C}$; $+32^{\circ}\text{F} \sim +122^{\circ}\text{F}$)
- Power supply requirement : 13.8 V DC $\pm 15\%$, negative ground
- Current drain (at 13.8 V DC) : Receive (squellched) 1.2 A
(max. audio output) 1.5 A
Transmit 20 A
- Dimensions : 241(W) \times 94(H) \times 239(D) mm
9.5(W) \times 3.7(H) \times 9.4 (D) in
(Projections not included)
- Weight : 4.6 kg (10.1 lb)

■ TRANSMITTER

- Output power : SSB, CW, FM 10~100 W continuously adjustable
AM 10~40 W continuously adjustable
- Spurious emissions : More than 50 dB below peak output power

- Carrier suppression : More than 40 dB below peak output power
- Unwanted sideband : More than 50 dB down with 1 kHz AF input
- Microphone impedance : 600 Ω

■ RECEIVER

- Receiver system : SSB, CW, AM Double-conversion
superheterodyne
Triple-conversion superheterodyne
- Intermediate frequencies : 1st SSB 70.4515 MHz
CW 70.4506 MHz
AM, FM 75.4500 MHz
2nd SSB 9.0115 MHz
CW 9.0106 MHz
AM, FM 9.0100 MHz
3rd FM 455 kHz
- Sensitivity : (1.8~30 MHz, preamplifier ON)
SSB, CW Less than 0.15 μV for 10 dB S/N
AM Less than 2.0 μV for 10 dB S/N
(28~29.7 MHz, preamplifier ON)
FM Less than 0.5 μV for 12 dB SINAD
- FM squelch sensitivity (preamplifier ON) : Less than 0.3 μV
- Selectivity : SSB, CW More than 2.3 kHz/-6 dB
Less than 4.0 kHz/-60 dB
AM More than 6.0 kHz/-6 dB
Less than 20 kHz/-40 dB
FM More than 15 kHz/-6 dB
Less than 30 kHz/-50 dB
- Spurious response rejection : More than 70 dB
- Audio output impedance : 8 Ω
- Audio output power : More than 2.6 W at 10% distortion
with an 8 Ω load
- RIT variable range : More than 1 kHz

All stated specifications are subject to change without notice or obligation.

OPTIONS

AH-2b	ANTENNA ELEMENT (for AH-3)	IC-2KL	500 W LINEAR AMPLIFIER
AH-3	HF AUTOMATIC ANTENNA TUNER	IC-4KL	1 kW HF LINEAR AMPLIFIER
AT-150*	100 W AUTOMATIC ANTENNA TUNER	MB-23	CARRYING HANDLE
CR-64	HIGH-STABILITY CRYSTAL UNIT	IC-PS15	AC POWER SUPPLY (13.8 V, 20 A)
CT-16	SATELLITE INTERFACE UNIT	IC-PS30	AC POWER SUPPLY (13.8 V, 25 A)
CT-17	CI-V LEVEL CONVERTER	PS-55*	AC POWER SUPPLY (13.8 V, 20 A)
EX-627	HF AUTOMATIC ANTENNA SELECTOR	SM-6	ELECTRET CONDENSER-TYPE DESKTOP MICROPHONE
FL-100	CW NARROW FILTER (9.0106 MHz, 500 Hz/-6 dB)	SM-8	DESK MICROPHONE
FL-101	CW NARROW FILTER (9.0106 MHz, 250 Hz/-6 dB)	SP-7*	EXTERNAL SPEAKER (8 Ω , 5 W)
HP-2	COMMUNICATION HEADPHONES	SP-20	EXTERNAL SPEAKER WITH AUDIO FILTERS (8 Ω , 5 W)
IC-AT500	500 W AUTOMATIC ANTENNA TUNER	UI-7	AM-FM UNIT
IC-MB5	MOBILE MOUNTING BRACKET	UT-30	PROGRAMMABLE TONE ENCODER UNIT
IC-SP3	EXTERNAL SPEAKER (8 Ω , 4 W)	GC-5	WORLD CLOCK

*Style and size matches the IC-725.

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Count on us!

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Telex : 521515 ICOM FRA

Your local agent/dealer:



HF ALL BAND TRANSCEIVER

IC-751A



Can you handle this much transceiver?

- 100% Duty Cycle Transmitter
- 105 dB Dynamic Range
- All Modes Built-In USB, LSB, AM, FM, CW, RTTY
- 12 V Operation

TOP-OF-THE LINE PERFORMER

The IC-751A is an HF base station transceiver designed for the ham operator who demands high performance. Whether entering contests or QSY'ing for pleasure, the 100 W IC-751A incorporates the best features of the IC-751, and brings you to the forefront of technology with the following most-requested additions.

MORE CW CONTROL

For the CW enthusiast, the IC-751A includes an electronic keyer unit, QSK rated at up to 40 wpm, built-in FL-32A 9 MHz/500 Hz CW narrow filter and CW sidetone to monitor your code in Rx or Tx modes...great for practice!

GENERAL COVERAGE RECEIVER

Includes general coverage reception from 100 kHz to 30 MHz. Great for listening to shortwave broadcasts.

IMPROVED SMOOTH TUNING

The IC-751A features a newly designed tuning control for velvet smooth tuning.

ADDED LED ANNUNCIATOR

For easy identification if you're using the tuning speed, dial, or band switching functions.

32 MEMORIES

Mode and frequency data can be stored in any of 32 memories...all the memory capability you'll ever need.

GREATER STABILITY

Even in receive mode, the IC-751A has a sophisticated thermal sensor to monitor the internal temperature. The sensor automatically activates the cooling fan which gives maximum stability...critical for optimum performance during contests.

NUMEROUS FUNCTIONS FOR DX'ING

The IC-751A boasts a number of features for better performance...passband tuning and notch filter that drastically reduce QRM, a AGC system, a speech compressor for better transmit audio clarity, and an AF gain control system that improves control of the CW sidetone volume.

OPTIONS AVAILABLE

The IC-4KL 1 kW HF LINEAR AMPLIFIER and IC-2KL 500 W HF LINEAR AMPLIFIER are suitable for DX'ing. The IC-AT500 and IC-AT100 AUTOMATIC ANTENNA TUNERS are designed to obtain maximum output power radiation. For improved frequency stability, the CR-64 HIGH-STABILITY CRYSTAL UNIT is available. The FL-52A, FL-53A and FL-63A CW AND RTTY NARROW FILTERS provide you with better CW and RTTY reception on crowded bands. Check out Icom's full line of convenient options in the options list on the reverse side.

Icom Inc.

SPECIFICATIONS

GENERAL

- Frequency coverage : Ham Bands
 - 160-m band 1.8~2.0 MHz
 - 80-m band 3.5~4.0 MHz
 - 40-m band 7.0~7.3 MHz
 - 30-m band 10.1~10.15 MHz
 - 20-m band 14.0~14.35 MHz
 - 17-m band 18.068~18.168 MHz
 - 15-m band 21.0~21.45 MHz
 - 12-m band 24.89~24.99 MHz
 - 10-m band 28.0~29.7 MHz
 General Coverage (Receive Only)
0.1 MHz~30.0 MHz
- Usable temperature range : $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}$ ($+14^{\circ}\text{F}\sim+140^{\circ}\text{F}$)
- Frequency stability : Less than ± 200 Hz from 1 to 60 minutes after power is ON
Less than ± 30 Hz after 1 hour at 25°C
Less than ± 350 Hz in the range of $0^{\circ}\text{C}\sim+50^{\circ}\text{C}$
- Current drain (at 13.8V DC) : Transmitting
At 100 W output Approx. 20.0 A
Receiving
At maximum audio output Approx. 1.8 A
- Weight : 8.5 kg
- Dimensions : $322(\text{W}) \times 120(\text{H}) \times 385(\text{D})$ mm

TRANSMITTER

- Output power : SSB Max. 100 W PEP
CW, RTTY, FM Max. 100 W
AM Max. 40 W
- Harmonic emissions : More than 40 dB below peak power output.
- Spurious emissions : More than 60 dB below peak power output
- Carrier suppression : More than 40 dB below peak power output

RECEIVER

- Sensitivity (PREAMP ON) : SSB, CW, RTTY
 - 0.1~0.5 MHz Less than $0.5 \mu\text{V}$ for 10 dB S/N
 - 0.5~1.6 MHz Less than $1 \mu\text{V}$ for 10 dB S/N
 - 1.6~30.0 MHz Less than $0.15 \mu\text{V}$ for 10 dB S/N
 AM (NARROW FILTER selected)
 - 0.1~0.5 MHz Less than $3 \mu\text{V}$ for 10 dB S/N
 - 0.5~1.6 MHz Less than $6 \mu\text{V}$ for 10 dB S/N
 - 1.6~30.0 MHz Less than $1 \mu\text{V}$ for 10 dB S/N
 FM
 - 28~30 MHz Less than $0.3 \mu\text{V}$ for 12 dB SINAD
- Selectivity : SSB, CW, RTTY (WIDE FILTER selected), AM (NARROW)
 - 2.3 kHz/−6 dB
 - 3.8 kHz/−60 dB
 CW, RTTY
 - 500 Hz/−6 dB
 - 1.3 kHz/−60 dB
 FM
 - 15 kHz/−6 dB
 - 30 kHz/−50 dB
 AM (WIDE FILTER selected)
 - 8 kHz/−6 dB
 - 18 kHz/−50 dB
- Intermediate frequencies : 1 st: All modes 70.4515 MHz
2nd: SSB 9.0115 MHz
CW, RTTY 9.0106 MHz
FM, AM 9.0100 MHz
3rd: All modes 455 kHz
4th: SSB 9.0115 MHz
CW, RTTY 9.0106 MHz
AM 9.0100 MHz
- Spurious and image response rejection : More than 80 dB
- Audio output : More than 2.6 W at 10% distortion with an 8Ω load.

All stated specifications are subject to change without notice or obligation.

OPTIONS

- **IC-2KL** 500 W HF LINEAR AMPLIFIER
- **IC-4KL** 1 kW HF LINEAR AMPLIFIER
- **IC-AT100** 100 W AUTOMATIC ANTENNA TUNER
- **IC-AT500** 500 W AUTOMATIC ANTENNA TUNER
- **AH-2a** HF AUTOMATIC ANTENNA TUNER (OPC-137 and UX-14 are necessary.)
- **AH-2b** ANTENNA ELEMENT
- **CT-16** SATELLITE INTERFACE UNIT (A UX-14 is necessary.)
- **CT-17** CI-V LEVEL CONVERTER (A UX-14 is necessary.)
- **CR-64** HIGH-STABILITY CRYSTAL UNIT
(± 0.5 ppm, $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}$; $+14^{\circ}\text{F}\sim+140^{\circ}\text{F}$)
- **EX-310** VOICE SYNTHESIZER UNIT
- **EX-627** HF AUTOMATIC ANTENNA SELECTOR (An OPC-137 is necessary.)
- **FL-52A** CW AND RTTY NARROW FILTER (455 kHz, 500 Hz/−6 dB)
- **FL-53A** CW AND RTTY NARROW FILTER (455 kHz, 250 Hz/−6 dB)
- **FL-63A** CW AND RTTY NARROW FILTER (9.0106 MHz, 250 Hz/−6 dB)

- **GC-5** WORLD CLOCK
- **MB-18** MOBILE MOUNTING BRACKET
- **IC-PS15** AC POWER SUPPLY (13.8 V DC, 20 A)
- **IC-PS30** AC POWER SUPPLY (13.8 V DC, 25 A)
- **IC-PS35** INTERNAL POWER SUPPLY UNIT (13.8 V DC, 20 A)
- **SM-6** DESKTOP MICROPHONE
- **SM-8** DESKTOP MICROPHONE
- **SM-20** DESKTOP MICROPHONE
- **IC-SP3** EXTERNAL SPEAKER (8 Ω , 4 W)
- **SP-7** EXTERNAL SPEAKER (8 Ω , 5 W)
- **SP-20** EXTERNAL SPEAKER WITH AUDIO FILTERS (8 Ω , 5 W)
- **UT-30** PROGRAMMABLE TONE ENCODER UNIT
- **UX-14** CI-IV/CI-V CONVERTER

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Count on us!

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Your local agent/dealer:

ICOM

AMATEUR PRODUCTS
SIMPLY THE BEST



Icom Inc.

BASE STATION

Icom's impressive line of base station transceivers are renowned for their superior performance and reliability.

With an interchangeable system design, the integrated operation of Icom's base transceivers, antenna tuners, and even personal computers.

Simply the best

Icom continues to lead the industry with innovative mobile transceivers to meet every serious operator's needs.

Choose between standard VHF, UHF, dual band, and our exclusive multi-band — you're a genius — the IC-901A.

MOBILE

Icom's reputation as the leader in handheld transceivers endures, as our current lineup represents the latest in micro technology: VHF, UHF, dual band, micro handhelds and the new Pocket Genius "PT" series.

HANDHELD

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11	IC-3220H IC-3220A IC-3220E	144/430 (440) MHz DUAL BAND FM TRANSCEIVER
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13	IC-229H IC-229A IC-229E	144 MHz FM TRANSCEIVER
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HANDHELD TRANSCEIVERS

15	IC-W2A IC-W2E	144/430 (440) MHz DUAL BAND FM TRANSCEIVER
15	IC-X2A IC-X2E	430 (440)/1200 MHz DUAL BAND FM TRANSCEIVER
15	IC-24AT	144/430 (440) MHz DUAL BAND FM TRANSCEIVER
16	IC-2SRA IC-2SRE	144 MHz FM TRANSCEIVER
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17	IC-P2AT IC-P2ET	144 MHz FM TRANSCEIVER
17	IC-P4AT IC-P4ET	UHF FM TRANSCEIVER
17	IC-P3AT	220 MHz FM TRANSCEIVER
18	IC-P2A IC-P2E	144 MHz FM TRANSCEIVER
18	IC-P4A IC-P4E	UHF FM TRANSCEIVER
19	IC-2SAT IC-2SET	144 MHz FM TRANSCEIVER
19	IC-4SAT IC-4SET	UHF FM TRANSCEIVER
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SPECIFICATIONS AND OPTIONS

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HF ALL-BAND TRANSCEIVER IC-781

*Technical excellence without compromise!
This is the HF master model.*

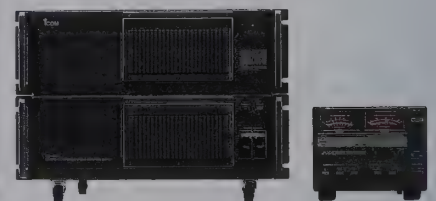


- 5-in CRT display for central information indication
- Spectrum scope
- Twin passband tuning
- Dual watch capability
- Fully automatic antenna tuner
- 105 dB dynamic range
- +23 dBm intercept point
- DDS System
- 99 memory channels, each with alphanumeric 10-character note
- 150 W output power
- Variable audio peak filter
- Independent RIT/ Δ TX for VFO A/B frequencies
- Programmed, Δ F, fine, memory and selected mode memory channel scan
- 24-hour system clock with timers
- CW full/semi break-in
- Built-in electronic keyer
- Adjustable notch filter
- Optional voice synthesizer unit
- CI-V System for computer control

Experience an exciting new dimension of technical excellence: Icom's exclusive IC-781. One of the unique features not found in ordinary transceivers is a 5-in CRT display for central information indication. By utilizing the spectrum scope function, the relative strengths of signals are visually shown. VFO A/B frequencies, memory channel number, mode, selected IF filter, 24-hour system clock, etc. are also simultaneously indicated on the CRT display.

The most demanding of operators is sure to be satisfied with supreme performance. Using the dual watch capability, listen to 2 frequencies simultaneously on the same band, in the same mode. Without affecting the center frequency, the twin passband tuning eliminates interference effectively. The highest-class receiver offers 105 dB dynamic range and +23 dBm intercept point.

Packed into this masterpiece is more of Icom's technology than you can imagine. It's no wonder why the IC-781 is being recognized everywhere as a 'dream' transceiver.



IC-4KL 1 kW HF LINEAR AMPLIFIER



SM-20 DESKTOP MICROPHONE



SP-20 EXTERNAL SPEAKER
WITH AUDIO FILTERS

- CT-17 CI-V LEVEL CONVERTER
- EX-627 HF AUTOMATIC ANTENNA SELECTOR
- FL-103 SSB WIDE FILTER (2.8 kHz/-6 dB)
- SM-6, SM-8 DESKTOP MICROPHONES
- IC-2KL 500 W HF LINEAR AMPLIFIER
- IC-AT500 500 W HF AUTOMATIC ANTENNA TUNER
- IC-SP3 EXTERNAL SPEAKER
- UT-36 VOICE SYNTHESIZER UNIT

HF ALL BAND TRANSCEIVER IC-765

*Popular demands from serious DX'ers are realized.
Refined excellence with total confidence.*



- 105 dB dynamic range
- Fully automatic antenna tuner with tuning data memory
- DDS System
- Band stacking registers
- Built-in CW narrow filter (500 Hz/-6 dB)
- Built-in electronic keyer
- CW pitch control function
- IF shift function
- Adjustable notch filter
- Direct keyboard frequency entry
- RF speech compressor
- Adjustable noise blanker
- 10, 20, 30 dB selectable attenuator and preamplifier
- RIT/ Δ TX controls
- Built-in power supply
- Full duty cycle rated
- 99 memory channels
- Versatile scan functions
- General coverage receiver: 0.1~30 MHz
- Optional voice synthesizer unit
- CI-V System for computer control

Icom designed the IC-765, advanced HF transceiver, with world DX enthusiasts in mind. Using the DFM (Direct Feed Mixer) method, the receiver circuit ensures 105 dB dynamic range and high +23 dBm intercept point. Receive a weak signal from among strong adjacent-frequency signals even during contest operations.

Using the high-speed, built-in automatic antenna tuner, there is no need to worry about antenna matching during busy QSY's. Band stacking registers store the last-used frequency and mode for each band. CW operators love its built-in CW narrow filter and electronic keyer with iambic key operation capability. CW pitch control allows you to adjust the receive signal tone.

The deep notch filter can be tuned to a particular frequency in the IF passband. When an interfering beat signal exists, the notch filter eliminates it. A level and wide/narrow selectable noise blanker eliminates engine ignition noise and key clicks from strong CW signals on nearby frequencies. With the IC-765, DX'ers have a lot to be excited about.



SM-8
DESKTOP MICROPHONE

EX-627
HF AUTOMATIC
ANTENNA SELECTOR



IC-2KL 500 W HF LINEAR AMPLIFIER

- FL-53A CW NARROW FILTER (250 Hz/-6 dB)
- FL-102 AM FILTER (6 kHz/-6 dB)
- MB-19 RACK MOUNTING HANDLES
- IC-4KL 1 kW HF LINEAR AMPLIFIER
- SM-6, SM-20 DESKTOP MICROPHONES
- SP-20 EXTERNAL SPEAKER WITH AUDIO FILTERS
- UT-36 VOICE SYNTHESIZER UNIT

HF ALL BAND TRANSCEIVER IC-728

*Compact power and performance.
Easy access to the world.*



- Compact and lightweight
- Easy to operate
- Most suitable for portable and mobile operations
- 105 dB dynamic range
- DDS System
- Passband tuning
- AF speech compressor
- Dual VFO's with split capability
- 26 memory channels
- $\pm f$ function for adding and subtracting RIT frequency
- Band stacking registers
- General coverage receiver: 30 kHz~30 MHz*
- CW semi break-in
- Preamplifier and attenuator
- Noise blanker
- Optional AM transmission and FM transmission/reception
- 10 Hz frequency readout
- Versatile scan functions
- CI-V System for computer control

*Specifications are guaranteed 500 kHz~30 MHz.

The IC-728 is equally ideal as a veterans' spare or a beginning ham's first HF transceiver alike. It's amazing that so much technology can be put into a simple-to-use rig. Measuring only 241(W) × 94(H) × 239(D) mm,* this compact transceiver is suitable for portable and mobile operations.

*9.5(W) × 3.7(H) × 9.4(D) in

Band and stacking registers memorize operating frequency and mode for each ham band. Thus, you need not adjust the operating frequency greatly even when the ham band is changed. The passband tuning and noise blanker are effective in reducing interference and noise. Icom's original DDS (Direct Digital Synthesizer) System and 26 memory channels are also included.

When you need more talk power, use the built-in AF speech compressor. This is very effective for DX QSO. In places where a long antenna element causes difficulty — in your vehicle or apartment, the AH-3 HF AUTOMATIC ANTENNA TUNER facilitates HF operation. With the UI-7 AM-FM UNIT, perform 29 MHz FM operation.



- AT-160 100 W HF AUTOMATIC ANTENNA TUNER
- CR-64 HIGH-STABILITY CRYSTAL UNIT
- CT-17 CI-V LEVEL CONVERTER
- EX-627 HF AUTOMATIC ANTENNA SELECTOR
- FL-100 CW NARROW FILTER (500 Hz/−6 dB)
- FL-101 CW NARROW FILTER (250 Hz/−6 dB)
- IC-MB5 MOBILE MOUNTING BRACKET
- MB-23 CARRYING HANDLE
- PS-55 DC POWER SUPPLY
- SM-6, SM-8, SM-20 DESKTOP MICROPHONES
- SP-7 EXTERNAL SPEAKER
- UI-7 AM-FM UNIT

HF/50 MHz ALL MODE TRANSCEIVER
IC-729

*Hot action on the HF and 50 MHz bands.
 Simply enjoy the fun today.*



- **1.8~50 MHz band with all mode operation**

- **Simple to operate**

- **Compact and easy to install:
 241(W) × 94(H) × 239(D) mm***

*9.5(W) × 3.7(H) × 9.4(D) in

- **AF speech compressor**
- **Passband tuning**
- **Advanced DDS System**
- **105 dB dynamic range**
- **Band stacking registers**
- **Wide coverage receiver:
 30 kHz~33 MHz and
 46.2~61.1 MHz***

*Specifications are guaranteed 500 kHz~30 MHz and 50~54 MHz.

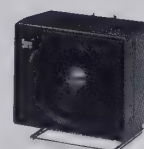
- **+Δf function for adding or subtracting RIT frequency**
- **26 memory channels**
- **CW semi break-in**
- **100 W on HF bands and 10 W on the 50 MHz band***
- **CI-V System for computer control**
- **Optional CW narrow filters and high-stability crystal unit**

*40 W and 4 W respectively for AM mode.

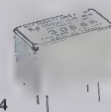
Recently, 50 MHz band activity has become popular across the globe. Discover how this band can be as fun as the HF bands. Join worldwide communications now with the IC-729, a powerful performer for the HF and 50 MHz bands.

Basic receive performance is ensured with 105 dB dynamic range and a sophisticated DDS (Direct Digital Synthesizer) System. The passband tuning and a noise blanker are included for comfortable receiving to eliminate interference and noise respectively. For great DX'ing, the AF speech compressor increases the talk power in SSB mode. VFO's A/B have split operation capability. Utilize a wide receiving range to get propagation conditions. Even though this innovative transceiver includes many features, it remains simple to use for everyone — from beginners to veterans.

Attach an optional AT-160 HF AUTOMATIC ANTENNA TUNER on the side of the IC-729. Then, just push the tune switch, the best matching condition between the transceiver and antenna is automatically selected for the HF bands.



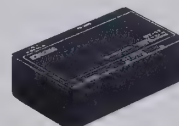
SP-7
EXTERNAL
SPEAKER



CR-64
HIGH-STABILITY
CRYSTAL UNIT



AT-160* 100 W HF
AUTOMATIC ANTENNA TUNER



CT-17
CI-V LEVEL
CONVERTER

- **AH-3*** 100 W HF AUTOMATIC ANTENNA TUNER
- **EX-627*** HF AUTOMATIC ANTENNA SELECTOR
- **FL-100** CW NARROW FILTER (500 Hz/-6 dB)
- **FL-101** CW NARROW FILTER (250 Hz/-6 dB)
- **IC-MB5** MOBILE MOUNTING BRACKET
- **MB-23** CARRYING HANDLE
- **PS-55** DC POWER SUPPLY
- **SM-6, SM-8, SM-20** DESKTOP MICROPHONES
- **UT-30** PROGRAMMABLE TONE ENCODER UNIT

*For the HF bands only.

HF ALL BAND TRANSCEIVER IC-735

*Stay ahead of the pack in the HF world.
Proven HF winner.*



- Compact and lightweight
- 105 dB dynamic range
- Passband tuning
- Noise blanker
- 12 memory channels
- CW full/semi break-in
- Attenuator and preamplifier
- Optional electronic keyer unit and HF automatic antenna tuners

The IC-735 has gained a formidable reputation in the HF world. Including 105 dB dynamic range, passband tuning and a stable 100 W of output power, it's no exaggeration to call the IC-735 today's most versatile compact HF transceiver. With an optional AH-2a 100 W HF AUTOMATIC ANTENNA TUNER, operate in your vehicle, an apartment or in the field. Superbly engineered features you can depend on.

HF ALL BAND TRANSCEIVER IC-751A

- 105 dB dynamic range
- Built-in electronic keyer
- Passband tuning
- Built-in CW narrow filter
- CW full/semi break-in
- Adjustable noise blanker
- 100% duty cycle rated
- 32 memory channels
- RIT and Δ TX functions
- Optional internal power supply

Surpass your many rivals with the world-renowned IC-751A. Make DX'ing a breeze using an electronic keyer, CW narrow filter, passband tuning and more.



IC-2KL
500 W HF LINEAR AMPLIFIER



IC-SP3 EXTERNAL SPEAKER



AT-150
100 W HF AUTOMATIC
ANTENNA TUNER

- CR-64^{*2} HIGH-STABILITY CRYSTAL UNIT
- CT-17 CI-V LEVEL CONVERTER
- FL-32A^{*3} CW NARROW FILTER (500 Hz/-6 dB)
- FL-53A^{*2} FL-63A CW NARROW FILTER (250 Hz/-6 dB)
- IC-4KL 1 kW HF LINEAR AMPLIFIER
- IC-MB5^{*1} MB-18^{*2} MOBILE MOUNTING BRACKET
- IC-PS35^{*2} INTERNAL POWER SUPPLY
- PS-55 DC POWER SUPPLY
- SP-7 EXTERNAL SPEAKER
- UX-14^{*2} CI-IV/CI-V CONVERTER

^{*1} For the IC-735 only.

^{*2} For the IC-751A only.

^{*3} Already installed in the IC-751A.

1 kW HF LINEAR AMPLIFIER IC-4KL

*Confidently enjoy worldwide communications with a stable 1 kW!
King of the HF world.*



- **Stable 1 kW output***
*With 200~240 V AC.
- **Fully automatic, high-speed antenna tuner with re-try function**
- **All solid state**
- **100% duty cycle rated for 1 hour***
*Without antenna tuner.
- **Full break-in operation**
- **Separate installation versatility**
- **Simple connection and operation**
- **Low 3rd IMD**

Dominate the DX world in style with this linear amplifier that includes a fully automatic antenna tuner: Icom's all solid state IC-4KL. The remote controller and linear amplifier sections have been designed separately. This system allows you maximum installation versatility.

A stable 1 kW of 1 hour-continuous output power is available. Even higher duty cycle signals such as RTTY, SSTV, etc. do not affect normal operation.

Just connect it between your Icom HF transceiver and an antenna, and the IC-4KL will do the rest. A DX'ers' dream, full break-in operation with 1 kW is possible. Low IMD characteristics, a super-efficient cooling system, accurate meter reading and many other attractive features ensure you perfect DX'ing.

The U.S.A. version does not include the 24 and 28 MHz bands. All other versions have 800 W output power on the 24 and 28 MHz bands.

500 W HF LINEAR AMPLIFIER IC-2KL

- **Stable 500 W output power**
- **Simple, fully automatic operation**
- **All solid state**
- **Reliable power supply**
- **Efficient cooling with a heat pipe**
- **Multi-function meter**
- **Perfect protection circuits**
- **Super combination with an optional IC-AT500**

Get in touch with the world with a stable 500 W of output power using the reliable IC-2KL. Warm-up time and manual tuning are not necessary, since it is all solid state.



Utilizing a heat pipe and cooling fan, stable operation is ensured. The IC-2KL plus an optional IC-AT500 500 W HF AUTOMATIC ANTENNA TUNER is a formidable combination. Synchronized with the operating band selection from your Icom HF transceiver, the IC-AT500 quickly tunes the IC-2KL to an antenna and selects a suitable antenna.

The U.S.A. version does not include the 24 and 28 MHz bands.

MULTI BAND ALL MODE TRANSCEIVER

IC-970

IC-970H IC-970A IC-970E

144, 430, 1200, 2400 MHz all mode operation + wideband receiving.
Leading the way in multi band operation.



- All mode on 144, 430 MHz and optional 1200, 2400 MHz
- Simultaneous dual band watch
- Optional 50~905 MHz receiving
- Sophisticated DDS System
- Frequency tracking function for satellite communication
- 10 satellite memory channels
- Independent controls for MAIN and SUB bands
- Direct keyboard entry
- SUB band access function
- 99 memory channels + 1 call channel for each band*
- *Increases by adding band units.
- Notch filter to eliminate QRM
- Built-in speech compressor
- Semi break-in capability
- Built-in pager and code squelch functions
- Built-in pocket beep and optional tone squelch functions
- CI-V System for computer control
- Optional ATV capability

Enjoy incomparable 144, 430, 1200 and 2400 MHz all mode operation with the futuristic IC-970H/A/E. Today's finest technology for unsurpassed multi band performance is incorporated. One of many examples is Icom's original DDS (Direct Digital Synthesizer) System that guarantees fast PLL lockup times.

The IC-970H/A/E is perfect for satellite communications. When the main dial is rotated, the automatic frequency tracking function automatically tracks uplink and downlink frequencies. Store operating conditions into 10 satellite memory channels. Once done, simply select these channels.

Another advantage of the IC-970H/A/E is optional band expansion capability. Even during QSO, the UX-R96 RECEIVER UNIT allows you to listen to a variety of stations in the 50~905 MHz range. 1200 and 2400 MHz operations are available with the UX-97 1200 MHz BAND UNIT and UX-98 2400 MHz BAND UNIT. Moreover, by adding the TV-970 ATV ADAPTER and your video equipment, advanced amateur television operation is possible.



- AG-25, AG-35, AG-1200*¹ WEATHER-PROOF PREAMPLIFIERS
 - AH-7000*² SUPER WIDEBAND OMNIDIRECTIONAL ANTENNA
 - IC-EX243 ELECTRONIC KEYS UNIT
 - FL-132, FL-133*³ CW NARROW FILTERS (500 Hz/-6 dB)
 - SM-8, SM-20 DESKTOP MICROPHONE
 - TV-970 ATV ADAPTER
 - UT-34 TONE SQUELCH UNIT
 - UT-36 VOICE SYNTHESIZER UNIT
 - UX-98 2400 MHz BAND UNIT
- *¹ For the 144, 430 and 1200 MHz bands respectively.
*² For the UX-R96.
*³ For the MAIN and SUB bands respectively.

144 MHz ALL MODE TRANSCEIVER

430 MHz ALL MODE TRANSCEIVER

IC-275H

IC-475H

*Superlative all mode transceivers.
A step above.*



- **IC-275H:** 144 MHz, 100 W
- **IC-475H:** 430 MHz, 75 W
- USB, LSB, CW and FM modes
- DDS System
- Compact body
- 99 memory channels
- Programmable call channel
- Memory transfer function
- Adjustable IF notch filter
- Noise blanker
- 5 msec. transmit/receive switching for packet radio operation
- CW full/semi break-in capability
- Adjustable receive audio tone
- Programmable offset frequency
- Multiple scan functions
- AF speech compressor
- High frequency stability
- Adjustable output power
- Data switch for data communications
- Optional voice synthesizer and tone squelch units
- CI-V System for computer control
- Great for satellite operation

With their superior performance and features, the famed IC-275H and IC-475H lead the way on the 144 and 430 MHz bands. The state-of-the-art DDS (Direct Digital Synthesizer) System enables high speed lockup times and higher C/N (Carrier-to-Noise) characteristics and at the same time allows 10 Hz tuning steps. High-speed transmit/receive switching at approximately 5 msec. is a packet operators' delight.

Measuring only 241(W) × 95(H) × 239(D) mm,* all mode operation is possible virtually anywhere, including in your vehicle. For satellite communications, connect an optional CT-16 SATELLITE INTERFACE UNIT between these transceivers for automatic frequency tracking of uplink and downlink frequencies.

*9.5(W) × 3.7(H) × 9.4(D) in



- **AG-25*** WEATHERPROOF 144 MHz PREAMPLIFIER
- **CR-64** HIGH-STABILITY CRYSTAL UNIT
- **CT-16** SATELLITE INTERFACE UNIT
- **CT-17** CI-V LEVEL CONVERTER
- **FL-32A**,*² **FL-83*** CW NARROW FILTERS
- **IC-MB5** MOBILE MOUNTING BRACKET
- **MB-23** CARRYING HANDLE
- **PS-55** DC POWER SUPPLY
- **SP-7** EXTERNAL SPEAKER
- **UT-36** VOICE SYNTHESIZER UNIT

*¹ For the IC-275H.

*² For the IC-475H.

28/50 MHz ALL MODE TRANSCEIVER

IC-575H

*High-tech marvel for DX explorers.
Fantastic transceiver.*



- USB, LSB, FM, AM and CW modes
- Full 100 W output power*

*AM: 40 W

- DDS System
- CW full/semi break-in capability
- 26~56 MHz continuous receiving
- Adjustable IF notch filter
- Built-in speech compressor
- Noise blanker

A beautifully sophisticated 28/50 MHz transceiver designed for those who are serious about DX'ing: the IC-575H. All the latest in Icom's innovative technology including 100 W output power, DDS System, CW full/semi break-in capability, etc. has gone into a compact body. To get propagation information, receive overseas TV stations, etc. within 26~56 MHz, then store them into 99 memory channels.

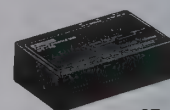
1200 MHz ALL MODE TRANSCEIVER IC-1275A IC-1275E

- Compact body
- Stable 10 W output power
- 99 memory channels
- High-speed transmit/receive switching for packet radio
- DDS System
- Multiple scan functions
- AF speech compressor
- High frequency stability
- CI-V System for computer control
- Built-in power supply
- Optional ATV capability

Lead the new wave of 1200 MHz operation with the IC-1275A/E, a remarkably compact all mode transceiver. Packet radio operators love its high speed transmit/receive switching.



AG-1200*2 WEATHERPROOF
1200 MHz PREAMPLIFIER



CT-16
SATELLITE
INTERFACE UNIT



TV-1275*2
ATV ADAPTER

- CR-64,*1 CR-263*2 HIGH-STABILITY CRYSTAL UNITS
- MB-23 CARRYING HANDLE
- CT-17 CI-V LEVEL CONVERTER
- FL-100,*1 FL-83*2 CW NARROW FILTERS (500 Hz/-6 dB)
- FL-101*1 CW NARROW FILTER (250 Hz/-6 dB)
- FL-102*1 AM FILTER (6 kHz/-6 dB)
- IC-MB5 MOBILE MOUNTING BRACKET
- PS-55*1 DC POWER SUPPLY
- SP-7 EXTERNAL SPEAKER
- SM-8, SM-20 DESKTOP MICROPHONES
- UT-34 TONE SQUELCH UNIT
- UT-36 VOICE SYNTHESIZER UNIT

*1 For the IC-575H.

*2 For the IC-1275A/E.

DUAL BAND FM TRANSCEIVER
IC-901
 IC-901A IC-901E

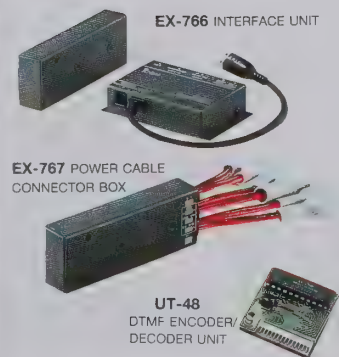
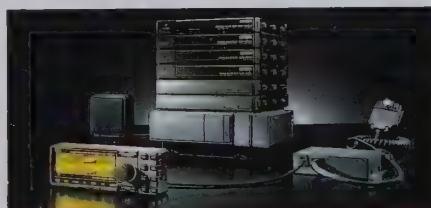
*Personalized installation and multi band expansion.
 Advanced features and system upgrading.*



- Up to 6 band capability: 28, 50, 144, 220, 430 (440) and 1200 MHz
- Multiple installation with detachable front panel
- Optical fiber technology for up to 20 m; 65 ft separate installation
- Optional receiver unit for wideband receiving
- Optional SSB/CW operation on the 144 MHz band
- Simultaneous dual band receiving
- Compact remote controller
- Full duplex crossband operation
- 24 memory channels and 2 call channels
- Icom's original SET mode for tailoring settings
- Multi-scan functions
- Optional pager and code squelch functions
- Optional pocket beep and tone squelch functions

The IC-901A/E is a superior dual band mobile transceiver full of the latest in high-tech features. A detachable front panel allows customized installation in 4 different configurations to suit your personal operating needs and car layout.

While keeping the front panel in a handy location near you, install the main body in any convenient out-of-the-way place. This system also allows you to install all band units in your vehicle trunk. With up to 6 bands expansion potential, shape the communications environment you desire. By connecting optional interface units and an optical fiber cable, make effective use of your vehicle space. For installation, there is no need to drill holes in your vehicle's console or dashboard.



- MB-31 BAND UNIT STACKING BRACKET
- OPC-189 OPTICAL FIBER CABLE
- SM-8 DESKTOP MICROPHONES
- UT-40 TONE SQUELCH UNIT
- UX-S92A/E 144 MHz SSB BAND UNIT
- UX-R91A/E RECEIVER UNIT
- UX-19A/E 28 MHz BAND UNIT
- UX-59A 50 MHz BAND UNIT
- UX-39A 220 MHz BAND UNIT
- UX-129A/E 1200 MHz BAND UNIT

DUAL BAND FM TRANSCEIVER
IC-2410
 IC-2410H IC-2410A IC-2410E

*Advanced technology for dual band superiority.
 Double your mobile pleasure.*



- **Simultaneous 2 frequency receiving on dual bands or the same band**
- **Remote control freedom**
- **Independent volume control and squelch switch**
- **Auto dialing (U.S.A. version)**
- **45 W on 144 MHz, and 35 W on 430 (440) MHz (IC-2410H)***

*25 W on both bands for the IC-2410A/E.

In different bands or the same band, Icom's streamlined IC-2410H/A/E can receive 2 frequency signals simultaneously. Even though a long list of features for 144/430 (440) MHz operation is included, this transceiver remains very compact. Remotely control functions from a microphone or another transceiver.*

*The HM-56/A and UT-55 are required.

DUAL BAND FM TRANSCEIVER **IC-3220H IC-3220A IC-3220E**

- **Super compact**
- **Dual band receiving**
- **Operation simplicity**
- **Brightly illuminated switches and controls**
- **30 memory channels, 2 call channels and 4 scan edge channels**
- **14 DTMF code channels (U.S.A. version)**
- **45 W on 144 MHz, and 35 W on 430 (440) MHz (IC-3230H)***

*25 W on both bands for the IC-3220A/E.

The IC-3220H/A/E is ideal for those who want to enjoy simultaneous dual band receiving with no fuss. With one of the smallest bodies in its class, you can get the best of both the 144/430 (440) MHz worlds. Each function is immediately accessible at the touch of a single switch.



- **HS-15 MOBILE FLEXIBLE MICROPHONE**
- **HS-15SB SWITCHBOX**
- **HM-56/A*² HAND MICROPHONE**
- **IC-PS30, PS-45*¹ DC POWER SUPPLIES**
- **SP-7, SP-10, SP-12 EXTERNAL SPEAKERS**
- **SM-6, SM-20 DESKTOP MICROPHONES**
- **UT-66*¹ VOICE SYNTHESIZER UNIT**
- **UT-67 TONE SQUELCH UNIT**

*¹ For the IC-2410A/E.

*² The same type as supplied with the U.S.A. and Asia versions.

DUAL BAND FM TRANSCEIVER
IC-3230
 IC-3230H IC-3230A IC-3230E

*Two bands are better than one.
 Small is doubly beautiful.*



- **45 W on 144 MHz, and 35 W on 430 (440) MHz (IC-3230H)***

*25 W on both bands for the IC-3230A/E.

- **Simultaneous 2 band receive capability**
- **Remote control freedom***
- **Operating simplicity for safe driving**
- **Independent volume and squelch controls for each band**
- **Illuminated switches and controls for night operation**
- **Built-in duplexer**
- **SUB band audio reduction and SUB band beep functions**
- **30 memory channels**
- **2 call channels**
- **4 scan edge channels**
- **A variety of scan functions**
- **Auto dialing capability (U.S.A. version)**
- **Optional pager and code squelch**
- **Optional pocket beep and tone squelch**
- **Optional voice synthesizer unit**

Measuring almost the same size as a mono band transceiver, just 140(W) × 40(H) × 165(D) mm,* the IC-3230H/A/E fits anywhere, in any vehicle. This transceiver has complete dual band capabilities and a variety of features, yet operation is simple.

*5.5(W) × 1.6(H) × 6.5(D) in

While driving, access required functions with one touch. There is no need to push a 2nd function switch. For night operation, the function display, switches and controls are brightly illuminated. For the U.S.A. version, 14 DTMF code channels are provided for auto dialing with the supplied microphone.

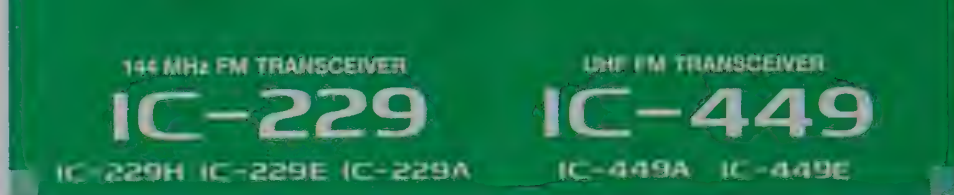
By adding options, more attractive features are available. When the UT-55 DTMF ENCODER/DECODER UNIT is installed, most functions can be controlled from the hand microphone.* The UT-55 also offers pager and code squelch functions for selective calling. With the UT-66 VOICE SYNTHESIZER UNIT, the transceiver announces operating frequency in English or Japanese.

*The HM-56/A HAND MICROPHONE is required.



- **AH-32 144/430 (440) MHz DUAL BAND ANTENNA + AHB-32 TRUNK MOUNT**
- **HS-15 MOBILE FLEXIBLE MICROPHONE + HS-15SB SWITCHBOX**
- **MB-34 JOINT PLATES**
- **IC-PS30 DC POWER SUPPLY**
- **SP-7 EXTERNAL SPEAKER**
- **SM-6, SM-8, SM-20 DESKTOP MICROPHONES**
- **UT-55 DTMF ENCODER/DECODER UNIT**
- **UT-67 TONE SQUELCH UNIT**

*The same type as supplied with the U.S.A. version.



*New dimensions for your mobiling world.
Streamlined champion.*



- One-touch access functions
- 14 DTMF code channels for auto dialing (U.S.A. version)
- IC-229H: full 50 W* on 144 MHz
*IC-229A/E: 25 W
- IC-449A/E: 35 W on 430 (440) MHz
- Brightly illuminated switches and controls for night driving
- Programmable remote control
- Programmed scan
- Memory scan with memory skip function
- Priority watch
- 20 memory channels
- Programmable call channel
- 2 scan edge channels
- Memory transfer function
- 20 dB RF attenuator
- Built-in subaudible tone encoder (U.S.A. version)
- Optional pager, code squelch, pocket beep and tone squelch
- Icom's unique SET mode for transceiver parameter setting

Use of use and high-tech features in a compact body — that's the beauty of the IC-229H/A/E and IC-449A/E. Measuring only 140(W) × 40(H) × 105(D) mm*, these transceivers fit neatly into any vehicle dashboard.

*5.5(W) × 1.6(H) × 4.1(D) in
IC-229H, IC-449A/E: 155(D) mm; 6.1(D) in

You can activate each function quickly with just one switch. Well-designed and illuminated switches and controls offer operating versatility even at night. The UP switch on the microphone puts access to the most-used function at your fingertips. Optional tone squelch and pocket beep ensure quiet standby via a busy frequency. For selective calling, pager and code squelch are optionally available.



- HM-56/A* HAND MICROPHONE
- IC-PS30 DC POWER SUPPLY
- SP-7, SP-10, SP-12 EXTERNAL SPEAKERS
- SM-6, SM-8, SM-20 DESKTOP MICROPHONES

*The same type as supplied with the U.S.A. version.

OPTIONS

A

- **AD-12 EXTERNAL POWER ADAPTER**
For using a 13.8 V DC external power source.
<"G" series>
- **AD-14, AD-20 BATTERY CHARGE ADAPTERS**
Allow you to charge BP-81~BP-84 and BP-90 with NiCd batteries separate from the transceiver.
<AD-14: "S/ST" series, IC-24AT>
<AD-20: "SR/W/X" series>
- **AG-25, AG-35, AG-1200 WEATHERPROOF PREAMPLIFIERS**
External all-weather, mast-mount preamplifiers for compensating for coaxial cable loss.
<AG-25 (144 MHz): IC-275H IC-970H/A/E>
<AG-35 (430 MHz): IC-475H, IC-970H/A/E>
<AG-1200 (1200 MHz): IC-1275A/E, IC-970H/A/E with UX-97>
- **AH-2a, AH-3 100 W HF AUTOMATIC ANTENNA TUNERS**
Allow HF operation even in places where a long antenna element is difficult to use — in apartments, condos or for mobile operations.
<AH-2a: IC-765, IC-735, IC-751A>
<AH-3: IC-728, IC-729>
- **AH-2b HF ANTENNA ELEMENT**
2.5 m; 8.2 ft stainless steel antenna element and all the necessary hardware for 3.5~28 MHz mobile operation.
<Icom HF transceiver with AH-2a or AH-3>
- **AH-20 WIDEBAND FLEXIBLE ANTENNA**
The same type as supplied with "SR" series.
- **AH-32 144/430 (440) MHz DUAL BAND MOBILE ANTENNA + AHB-32 TRUNK MOUNT**
<IC-2410H/A/E, IC-3230H/A/E, IC-3220H/A/E>
- **AH-7000 SUPER WIDEBAND OMNIDIRECTIONAL ANTENNA**
Super wideband frequency coverage: 25~1300 MHz.
<IC-970H/A/E with UX-R96>
- **AT-150, AT-160 100 W HF AUTOMATIC ANTENNA TUNERS**
Automatically matches your Icom HF transceiver to an antenna system.
Input impedance: 16.7~150 Ω
Input power: Max. 150 W
<AT-150: IC-728, IC-729, IC-735, IC-751A>
<AT-160: IC-728, IC-729>
- **IC-AT500 500 W HF AUTOMATIC ANTENNA TUNER**
Input impedance: 16.7~150 Ω
Input power: Max. 500 W
<Icom HF transceiver with IC-2KL>

B

- **BA-10, BA-11 BOTTOM CAP**
Protect terminals on the base of your transceiver when the battery pack is removed. The BA-11 is the same type as supplied with the "ST" series.
<BA-10: IC-02A/AT>
<BA-11: "S/SR/ST/W/X" series, IC-24AT>

Series definitions

"G" series : IC-2GA/GE
"GT" series : IC-2GAT, IC-4GAT, IC-12GAT
"P" series : IC-P2A/E, IC-P4A/E
"PT" series : IC-P2AT/ET, IC-P3AT, IC-P4AT/ET
"S" series : IC-2SA/SE, IC-4SA/SE

- **BA-12 BATTERY CHARGE ADAPTER**
Allows you to rapidly charge the internal batteries using the BC-72 or BC-80.
<"ST" series>
- **BC-16U/E, BC-17, BC-18 WALL CHARGERS**
Regularly charge the BP-5A, BP-7 and BP-8.
<"G/GT" series, IC-02A/AT, IC-2AT>
- **BC-25U/E, BC-26E, BC-27 WALL CHARGERS**
Regularly charge the BP-3.
<"G/GT" series, IC-02A/AT, IC-2AT>
- **BC-35, BC-36 AC BATTERY CHARGERS**
Desktop type. Rapidly charge the BP-2, BP-5, BP-5A, BP-7 and BP-8. Regularly charge the BP-3, BP-70 and BP-4 with NiCd batteries.
<"G/GT" series, IC-02A/AT, IC-2AT>
- **BC-72 DESKTOP CHARGER**
Rapidly charges the BP-81~BP-85 and "ST" series internal batteries. Both AC and DC can be used as a power supply.
<"S/SR/ST/W/X" series, IC-24AT>
- **BC-73E/D WALL CHARGER**
For "P/PT" series: Regularly charges the BP-111. For "S/ST" series, IC-24AT: Regularly charges the BP-81 and BP-82.
- **BC-74A/E/D/V WALL CHARGER**
For "P/PT" series: Regularly charges the BP-111~BP-114 and BP-110 with NiCd batteries. For "S/ST" series, IC-24AT: Regularly charges the BP-81~BP-85 and BP-90 with NiCd batteries. For "SR/W/X" series: Regularly charges the BP-85.
- **BC-77A/E/D/V WALL CHARGER**
For "SR/W/X" series: Regularly charges the BP-81~BP-84 and BP-90 with NiCd batteries.
- **BC-78E/D WALL CHARGER**
For "SR/W/X" series: Regularly charges the BP-81 and BP-82.
- **BC-80 DESKTOP CHARGER**
Rapidly charges the BP-81~BP-85, "ST" series internal batteries and BP-111~BP-114. Both AC and DC can be used as a power supply.
<"P/PT/S/SR/ST/W/X" series, IC-24AT>
- **BP-2, BP-3, BP-5, BP-5A, BP-7, BP-8, BP-70 BATTERY PACKS**
BP-4 BATTERY CASE
<"G/GT" series, IC-02A/AT, IC-2AT>
- **BP-81~BP-85 BATTERY PACKS**
BP-90 BATTERY CASE
<"S/SR/ST/W/X" series, IC-24AT>
- **BP-111~BP-114 BATTERY PACKS**
BP-110 BATTERY CASE
<"P/PT" series>

C

- **CP-1 CIGARETTE LIGHTER CABLE**
Charges a battery pack through a 12 V cigarette lighter socket. Refer to the chart on p. iv for details.
<Battery packs for "G/GT" series, IC-02AT, IC-2AT>

"SR" series : IC-2SRA/SRE, IC-4SRA/SRE
"ST" series : IC-2SAT/SET, IC-3SAT, IC-4SAT/SET
"W" series : IC-W2A/E
"X" series : IC-X2A/E

- **CP-10 BATTERY SEPARATION CABLE**
For separating a handheld from the battery pack.
<"G/GT" series, IC-02A/AT, IC-2AT>
- **CP-11, CP-12, CP-13 CIGARETTE LIGHTER CABLES WITH NOISE FILTERS**
Allow you to use your handheld through a 12 V cigarette lighter socket. Refer to the chart on p. iv for battery pack charging.
<CP-11: "G/GT" series with AD-12, IC-02A/AT, IC-2AT with DC-1>
<CP-12: "P/PT/S/ST," series, IC-24AT, BC-72, BC-80>
<CP-13: "SR/W/X" series>
- **CR-64, CR-263, CR-282, CR-293 HIGH-STABILITY CRYSTAL UNITS**
Provide improved frequency stability.
Frequency stability: ±0.5 ppm
(-30°C~+60°C; -22°F~+140°F)
<CR-64: IC-728, IC-729, IC-751A, IC-575H, IC-275H, IC-475H>
<CR-263: IC-1275A/E>
<CR-282: IC-765>
<CR-293: IC-970H/A/E>
- **CT-16 SATELLITE INTERFACE UNIT**
Easy tuning for instant satellite communications using another Icom transceiver. For the IC-751A, the UX-14 is required. For the IC-970H/A/E, this function is already included. Cannot be used with the IC-735.
<Icom HF, all mode transceivers>
- **CT-17 CI-V LEVEL CONVERTER**
For transceiver and communications receiver remote control using a personal computer equipped with an RS-232C port. For the IC-751A, the UX-14 is required.
<Icom HF, all mode transceivers>

D

- **DC-1 DC-DC CONVERTER**
Allows you to operate using an external 13.8 V DC power source.
<IC-2AT>

E

- **EX-20 AUTOMATIC ANTENNA SELECTOR**
Selects a 28 or 50 MHz antenna synchronized with the IC-575H.
- **IC-EX243 ELECTRONIC KEYS UNIT**
Provides you with electronic keyer operation capability.
<IC-735, IC-970H/A/E>
- **EX-310 VOICE SYNTHESIZER UNIT**
A clear, electronically generated voice announces the displayed frequency in English.
<IC-751A>
- **EX-627 HF AUTOMATIC ANTENNA SELECTOR**
According to band changing from your Icom HF transceiver, automatically selects 1 to 7 antennas. Up to 9 antennas can be connected. If required, 1 to 9 antenna can be selected manually.
<Icom HF transceivers>

OPTIONS

• EX-766 INTERFACE UNIT

Gives you independent transceiver control using a separate remote controller.
<IC-901A/E>

• EX-767 POWER CABLE CONNECTOR BOX

Provides power to the IC-901A/E main body and up to 3 optional band units.
<IC-901A/E>

F

• FA-2 144 MHz FLEXIBLE ANTENNA

The same type as supplied with the IC-02A/AT and IC-2AT.

• FA-3 430 MHz FLEXIBLE ANTENNA

The same type as supplied with the IC-4GAT.

• FA-140BA, FA-140BB, FA-140BF 144 MHz FLEXIBLE ANTENNAS

FA-140BA: The same type as supplied with the IC-2GA/GAT/GE.

FA-140BB: The same type as supplied with the IC-2SA/SE, IC-2SAT/SET and IC-2SRA/SRE.

FA-140BF: The same type as supplied with the IC-P2A/E and IC-P2AT/ET.

• FA-215BA, FA-215BB 220 MHz FLEXIBLE ANTENNAS

FA-215BA: The same type as supplied with the IC-3SAT.

FA-215BB: The same type as supplied with the IC-P3AT.

• FA-430BB, FA-430BD 430 (440) MHz FLEXIBLE ANTENNAS

FA-430BB: The same type as supplied with the IC-4SA/SE, IC-4SAT/SET and IC-4SRA/SRE.

FA-430BD: The same type as supplied with the IC-P4A/E and IC-P4AT/ET.

• FA-1240T 1200 MHz FLEXIBLE ANTENNAS

The same type as supplied with the IC-12GAT.

• FA-1443B, FA-1443BB 144/430 (440) MHz DUAL BAND FLEXIBLE ANTENNAS

FA-1443B: The same type as supplied with the IC-W2A and IC-24AT U.S.A. version.

FA-1443BB: The same type as supplied with the IC-W2A/E and IC-24AT except for the U.S.A. version.

• FA-4312BA 430 (440)/1200 MHz DUAL BAND FLEXIBLE ANTENNA

The same type as supplied with the IC-X2A/E.

• FL-32A, FL-52A, FL-53A, FL-63A, FL-83, FL-100, FL-101, FL-132, FL-133 CW NARROW FILTERS

FL-102 AM FILTER

FL-103 SSB WIDE FILTER

Refer to the chart below for details.

<Icom HF, all mode transceiver>

H

• HM-9/L SPEAKER-MICROPHONE

Combination speaker and microphone.

<HM-9: "P/PT/S/ST" series, IC-24AT, IC-02A/AT, IC-2AT>

<HM-9L: "G/GT" series>

• HM-12 HAND MICROPHONE

Equipped with up/down switches for scanning. The same type as supplied with the IC-728, IC-729 and IC-735.

<Icom HF, all mode, mobile transceivers>

• HM-46/L SPEAKER-MICROPHONE

Equipped with an earphone jack. Clips to your suit pocket or lapel.

<HM-46: "P/PT/PT/S/ST" series, IC-24AT, IC-02A/AT, IC-2AT>

<HM-46L: "G/GT" series>

• HM-54 SPEAKER-MICROPHONE

Combination speaker and microphone.

<"P/PT/S/ST" series, IC-02A/AT, IC-2AT>

• HM-56/A, HM-58, HM-59 HAND MICROPHONES

Streamlined microphone. The HM-56/A has 14 DTMF code channels for auto dialing. The HM-56/A and HM-59 have a 1750 Hz tone call function.

<Icom HF, all mode, mobile transceivers>

• HM-65 SPEAKER-MICROPHONE

Equipped with an earphone jack. Clips to your suit pocket or lapel.

<"SR/W/X" series>

• HM-70 SPEAKER-MICROPHONE

Combination speaker and microphone.

<"SR/W/X" series>

• HS-15 MOBILE FLEXIBLE MICROPHONE + HS-15SB SWITCHBOX

Mobile boom microphone for driving safety.
<Icom mobile transceivers>

• HS-51, HS-60 HEADSETS

Equipped with VOX and "one-touch PTT" functions for hands-free operation.

<HS-51: "G/GT/P/PT/S/ST" series, IC-24AT, IC-02A/AT>

<HS-60: "SR/W/X" series>

I

• IC-2KL 500 W HF LINEAR AMPLIFIER

Advanced all-solid-state 500 W linear amplifier. Refer to p. 6 for details.

<Icom HF transceivers>

• IC-4KL 1 kW HF LINEAR AMPLIFIER

Advanced all-solid-state 1 kW linear amplifier with fully-automatic antenna tuner. Refer to p. 6 for details.

<Icom HF transceivers>

L

• LC-11, LC-14, LC-35~LC-40, LC-53~LC-56, LC-57~LC-61, LC-63~LC-66, LC-71~LC-73, LC-91~LC-93, LC-94~LC-96 CARRYING CASES

For protecting your handhelds.

<LC-11: IC-02A/AT with BP-2, BP-3, BP-4>

<LC-14: IC-02A/AT with BP-5A, BP-7, BP-8>

<LC-35: "G" series with BP-2, BP-3, BP-4>

<LC-37: "G" series with BP-5A, BP-7, BP-8>

<LC-38: "GT" series with BP-2, BP-3, BP-4>

<LC-39: "GT" series with BP-5, BP-7>

<LC-40: "GT" series with BP-5A, BP-7, BP-8>

<LC-53: "S" series with BA-11, BP-81>

<LC-55: "S" series with BP-82, BP-83, BP-90>

<LC-56: "S" series with BP-84, BP-85>

<LC-57: "ST" series without external battery pack>

<LC-59: "ST" series with BP-82, BP-83, BP-90>

<LC-61: "ST" series with BP-84, BP-85>

<LC-63: IC-24AT with BA-11, BP-81>

<LC-65: IC-24AT with BP-82, BP-83, BP-90>

<LC-66: IC-24AT with BP-84, BP-85>

<LC-71: "SR/W/X" series with BA-11, BP-81>

<LC-72: "SR/W/X" series with BP-82, BP-83, BP-90>

<LC-73: "SR/W/X" series with BP-84, BP-85>

<LC-91: "PT" series with BP-111>

<LC-92: "PT" series with BP-110, BP-112>

Filters

	Center frequency	Passband width	IC-781	IC-785	IC-728 IC-729	IC-735	IC-751A	IC-970H/A/E	IC-575H	IC-275H IC-1275A/E	IC-475H
FL-52A	455 kHz	500 Hz/-6 dB	Built-in	Built-in							
FL-53A		250 Hz/-6 dB	Built-in				Either				
FL-32A	9.0106 MHz	500 Hz/-6 dB	Built-in	Built-in			Built-in				
FL-63A		250 Hz/-6 dB				Either	*2				
FL-83	10.7491 MHz	500 Hz/-6 dB									
FL-100		500 Hz/-6 dB									
FL-101	9.0106 MHz	250 Hz/-6 dB	Built-in		Either				Either		
FL-102		6.0 kHz/-6 dB	Built-in								
FL-103	9.0115 MHz	2.8 kHz/-6 dB	*1								
FL-132	10.8491 MHz	500 Hz/-6 dB						*3			
FL-133	10.9491 MHz	500 Hz/-6 dB						*4			

*1 Replaces built-in FL-102.

*3 For MAIN band.

*2 Replaces built-in FL-32A.

*4 For SUB band.

 : Applicable  : Not applicable

OPTIONS

<LC-93: "PT" series with BP-113, BP-114>
 <LC-94: "P" series with BP-111>
 <LC-95: "P" series with BP-110, BP-112>
 <LC-96: "P" series with BP-113, BP-114>

M

- **IC-MB5, MB-18 MOBILE MOUNTING BRACKETS**
 Transceiver brackets for mobile operation.
 <IC-MB5: IC-728, IC-729, IC-735, IC-575H, IC-275H, IC-475H, IC-1275A/E>
 <MB-18: IC-751A>
- **MB-16 MOBILE MOUNTING BRACKET**
 Handheld bracket for mobile operation.
 <IC-02A/AT, IC-2AT>
- **MB-16D WALL BRACKET**
 For placing your handheld in a convenient location.
 <IC-02A/AT, IC-2AT>
- **MB-19 RACK MOUNTING HANDLES**
 For a 19-in mounting rack. The same type as supplied with the IC-781.
 <IC-781, IC-765, IC-970H/A/E>
- **MB-21 REMOTE CONTROLLER BRACKET**
 Allows mounting the remote controller on a sun visor. Viewing angle is adjustable.
 <IC-901A/E>
- **MB-22 ALLIGATOR CLIP**
 Tightly attaches your handheld to a shirt pocket or belt. Replaces the supplied belt clip.
 <"G/GT" series>
- **MB-23 CARRYING HANDLE**
 For easy portable operation.
 <IC-728, IC-729, IC-575H, IC-275H, IC-475H, IC-1275A/E>
- **MB-24 MOUNTING BRACKET (Hanger-type)**
 Handheld bracket for mobile operation.
 <"G/GT" series>
- **MB-25 MOUNTING BRACKET (Wall-type)**
 For placing a handheld in a convenient location.
 <"G/GT" series>
- **MB-30 MOUNTING BRACKET**
 Mounts a handheld in a vehicle or on a wall.
 <"P/PT/S/SR/ST/W/X" series, IC-24AT>
- **MB-31 BAND UNIT STACKING BRACKET**
 For stacking optional band units.
 <IC-901A/E>
- **MB-32 MOBILE MOUNTING BRACKET**
 Used when the system is installed separately.
 <IC-901A/E>
- **MB-34 JOINT PLATES**
 For stacking Icom mobile transceivers.
 <IC-2410H/A/E, IC-3230H/A/E, IC-3220H/A/E, IC-229H/A/E, IC-449A/E>
- **MB-48 BELT CLIP**
 The same type as supplied with "P/PT/S/SR/ST/W/X" series and IC-24AT.

O

- **OPC-102 DC POWER CABLE**
 Allows you to use the PS-45 for the IC-229A/E and IC-38A.

- **OPC-189 OPTICAL FIBER CABLE**
 Allows you up to 20 m; 65.6 ft separate installation of front panel and band units.
 <IC-901A/E>
- **OPC-254, OPC-288 DC POWER CABLES**
 For use with a 13.8 V DC power supply. Refer to the chart on p. iv for battery pack charging.
 <OPC-254: "P/PT/S/ST," series, IC-24AT>
 <OPC-288: "SR/W/X" series>

P

- **IC-PS15 DC POWER SUPPLY**
 Style and size are matched with the IC-751A. 13.8 V DC, 20 A.
 <Icom HF, all mode transceivers>
- **IC-PS30 DC POWER SUPPLY**
 System power supply. Equipped with 3 output connectors. Style and size are matched with the IC-751A. 13.8 V DC, 25 A.
 <Icom HF, all mode, mobile transceivers>
- **IC-PS35 INTERNAL POWER SUPPLY**
 Built-in type power supply. 13.8 V DC, 20 A.
 <IC-751A, IC-970H/A/E>
- **PS-45 DC POWER SUPPLY**
 For base station use of the IC-229A/E or IC-38A. The OPC-102 is required. 13.8 V DC, 8 A
- **PS-55 DC POWER SUPPLY**
 Style and size are matched with the IC-728, IC-729, IC-735, IC-575H, IC-275H and IC-475H. 13.8 V DC, 20 A.
 <Icom HF, all mode transceivers>

S

- **SM-6 DESKTOP MICROPHONE**
 Easy-to-use desktop microphone.
 <Icom HF, all mode and mobile transceivers>
- **SM-8 DESKTOP MICROPHONE**
 Up/down switches are included. Can be connected to 2 Icom transceivers.
 <Icom HF, all mode, mobile transceivers>
- **SM-20 DESKTOP MICROPHONE**
 High-quality microphone with a heavy, stable base. Equipped with low-frequency cut capability.
 <Icom HF, all mode, mobile transceivers>
- **IC-SP3 EXTERNAL SPEAKER**
 Designed for base station use. Style and size are matched with the IC-751A. 8 Ω , 4 W.
 <Icom HF, all mode transceivers>
- **SP-7 EXTERNAL SPEAKER**
 Designed for base station use. 8 Ω , 5 W.
 <Icom HF, all mode, mobile transceivers>
- **SP-10, SP-12 EXTERNAL SPEAKERS**
 Designed for mobile operation.
 SP-10: Easy to install. 4 Ω , 5 W.
 SP-12: Can be installed on a sun visor, dashboard, etc. 8 Ω , 3 W.
 <Icom mobile transceivers>
- **SP-13 EARPHONE**
 Provides clear receive audio in noisy environments.
 <Icom handheld transceivers>

- **SP-20 EXTERNAL SPEAKER WITH AUDIO FILTERS**
 For greater sound quality. Style and size are matched with the IC-781, IC-765 and IC-970H/A/E. 8 Ω , 5 W.
 <Icom HF, all mode transceivers>
- **ST-10 SHOULDER STRAP**
 For carrying your handheld anywhere.
 <IC-02A/AT, IC-2AT>

T

- **TV-970, TV-1275 ATV ADAPTERS**
 Allow you amateur television operation.
 <TV-970: IC-970H/A/E with UX-97 or UX-98>
 <TV-1275: IC-1275A/E>

U

- **UI-7 AM-FM UNIT**
 Adds AM transmit, FM transmit/receive capability.
 <IC-728>
- **UT-28 DIGITAL CODE SQUELCH UNIT**
 Digital code system that provides a "personalized" squelch with other stations.
 <IC-38A>
- **UT-29 TONE SQUELCH UNIT**
 <IC-38A>
- **UT-30 PROGRAMMABLE TONE ENCODER UNIT**
 Allows you to access a repeater requiring a subaudible tone.
 <Icom HF transceivers>
- **UT-34 TONE SQUELCH UNIT**
 <Icom all mode transceivers>
- **UT-36 VOICE SYNTHESIZER UNIT**
 A clear, electronically generated voice announces the displayed frequency in English or Japanese.
 <IC-781, IC-765, Icom all mode transceivers>
- **UT-40 TONE SQUELCH UNIT**
 Provide pocket beep, tone squelch and programmable tone encoder functions.
 <IC-901A/E, IC-228H, IC-2GA/GAT, IC-4GAT, IC-12GAT>
- **UT-48 DTMF ENCODER/DECODER UNIT**
UT-49* DTMF DECODER UNIT
 Provide pager and code squelch functions.
 <UT-48: IC-901A/E>
 <UT-49: "P/PT/S/ST" series>
- **UT-50*** TONE SQUELCH UNIT
 Provides pocket beep, tone squelch and programmable tone encoder functions. Already installed in the IC-P2AT, IC-P3AT and IC-P4AT U.S.A. version.
 <IC-3220H/A/E, IC-229H/A/E, IC-449A/E, "P/PT/S/ST" series, IC-24AT>
- **UT-51*** PROGRAMMABLE TONE ENCODER UNIT
 Allows you to access a repeater requiring a subaudible tone. Already installed in the IC-229A/H and IC-449A U.S.A. versions.
 <IC-229H/A/E, IC-449A/E, "P/PT/S/ST" series, IC-24AT>

***NOTE:** For installation and operation of "P" or "S" series, refer to "Tech Talk" which is available from your Icom Dealer.

OPTIONS

- **UT-55 DTMF ENCODER/DECODER UNIT**
Provides pager and code squelch functions.
<IC-2410H/A/E, IC-3230H/A/E>

- **UT-63 TONE SQUELCH UNIT**
Provides pocket beep, tone squelch and programmable tone encoder functions. Already installed in the IC-2SRA, IC-4SRA, IC-W2A and IC-X2A U.S.A. versions.
<"SR/W/X" series>

- **UT-66 VOICE SYNTHESIZER UNIT**
A clear, electronically generated voice announces the displayed frequency in English or Japanese.
<IC-2410H/A/E, IC-3230H/A/E>

- **UT-67 TONE SQUELCH UNIT**
Provides pocket beep, tone squelch and programmable tone encoder functions.
<IC-2410H/A/E, IC-3230H/A/E>

- **UX-14 CI-IV/CI-V CONVERTER**
Allows you to use the CI-V System.
<IC-751A>

- **UX-19A/E 28 MHz BAND UNIT**
UX-59A 50 MHz BAND UNIT
UX-39A 220 MHz BAND UNIT
UX-129A/E 1200 MHz BAND UNIT
UX-S92A/E 144 MHz SSB BAND UNIT
UX-R91A/E RECEIVER UNIT
Allow you additional 28, 50, 220 1200 MHz FM, 144 MHz SSB/CW operation and wide-band receiving capability.
<IC-901A/E>

Band units	Bands [MHz]	Modes	Output power	
			High	Low
UX-19A/E	28	FM	10 W	1 W
UX-59A	50	FM	10 W	1 W
UX-39A	220	FM	25 W	5 W
UX-129A/E	1200	FM	10 W	1 W
UX-R91A/E	See below.*		Receive only.	
UX-S92A/E	144	SSB, CW	25 W	5 W

*520~1630 kHz : AM 76~108 MHz : Wide FM
108~137 MHz : AM 137~236 MHz : FM
300~500 MHz : FM 800~950 MHz : FM
Frequency range varies according to versions.

- **UX-97 1200 MHz BAND UNIT**
UX-98 2400 MHz BAND UNIT
UX-R96 RECEIVER UNIT
Allow you additional 1200, 2400 MHz all mode operation and wideband receiving capability.
<IC-970H/A/E>

Band units	Bands [MHz]	Modes	Output power
UX-97	1200	SSB, CW, FM	1~10 W
UX-98	2400	SSB, CW, FM	0.2~1 W
UX-R96	50~905 MHz*	AM, FM, wide FM	Receive only.

*Frequency range varies according to versions.

Battery pack specifications and chargers

	Battery pack	Voltage	Capacity	Height	Usable chargers and cables (approximate charging time)		
					Desktop chargers	Wall chargers	Cables
"G/GT" series, IC-02A/AT, IC-2AT	BP-2	7.2 V	450 mAh	39.0 mm; 1.5 in	BC-35, BC-36 (1.5 hrs.)	—	—
	BP-3	8.4 V	270 mAh	39.0 mm; 1.5 in	BC-35, BC-36 (15 hrs.)	BC-25U/E, BC-26E, BC-27 (15 hrs.)	CP-1, CP-11 (15 hrs.)
	BP-4*1	Battery pack for R6 (AA) × 6		49.0 mm; 1.9 in	BC-35, BC-36 (15 hrs.)	—	—
	BP-5	10.8 V	450 mAh	56.0 mm; 2.2 in	BC-35, BC-36 (1.5 hrs.)	—	—
	BP-5A	10.8 V	450 mAh	80.0 mm; 3.1 in	BC-35, BC-36 (1.5 hrs.)	BC-16U/E, BC-17, BC-18 (15 hrs.)	CP-1, CP-11 (15 hrs.)
	BP-7*2	13.2 V	450 mAh	80.0 mm; 3.1 in			
	BP-8	8.4 V	800 mAh	80.0 mm; 3.1 in	BC-35, BC-36 (3 hrs.)	BC-16U/E, BC-17, BC-18 (9 hrs.)	CP-1, CP-11 (9 hrs.)
	BP-70*2	13.2 V	270 mAh	60.5 mm; 2.4 in	BC-35, BC-36 (9 hrs.)		
"S/ST" series, IC-24AT	"ST" series	7.2 V	300 mAh	Internal batteries	BC-72, BC-80*3 (1 hr.)	BC-73E/D, BC-74A/E/D/V (15 hrs.)	CP-12, OPC-254 (15 hrs.)
	BP-81	7.2 V	110 mAh	30.0 mm; 1.2 in	BC-72, BC-80 (1 hr.)	"S/ST" series, IC-24AT: BC-73E/D, BC-74A/E/D/V*4 (15 hrs.) "SR/W/X" series: BC-77A/E/D/V, BC-78E/D*5 (15 hrs.) "S/ST" series, IC-24AT: BC-74A/E/D/V*4 (15 hrs.) "SR/W/X" series: BC-77A/E/D/V*5 (15 hrs.)	"S/ST" series, IC-24AT: CP-12, OPC-254*4 (15 hrs.) "SR/W/X" series: CP-13, OPC-288*5 (15 hrs.)
	BP-82	7.2 V	300 mAh	40.0 mm; 1.6 in			
	BP-83	7.2 V	600 mAh	59.5 mm; 2.3 in			
	BP-84	7.2 V	1000 mAh	76.0 mm; 3.0 in	BC-72, BC-80 (1.5 hrs.)	BC-74A/E/D/V (15 hrs.)	CP-12, OPC-254 (15 hrs.)
	BP-85	12.0 V	340 mAh	76.0 mm; 3.0 in			
"S/SR/ST/W/X" series, IC-24AT	BP-90*1	Battery pack for R6 (AA) × 6		59.5 mm; 2.3 in	—	BC-74A/E/D/V*5 (15 hrs.)	"S/ST" series, IC-24AT: CP-12, OPC-254*4 (15 hrs.) "SR/W/X" series: CP-13, OPC-288*5 (15 hrs.)
	BP-110*1	Battery pack for R6 (AA) × 6		56.2 mm; 2.2 in	—	BC-74A/E/D/V*6 (15 hrs.)	CP-12, OPC-254*6 (15 hrs.)
"P/PT" series	BP-111	7.2 V	400 mAh	34.5 mm; 1.4 in	BC-80 (1 hr.)	BC-73E/D, BC-74A/E/D/V*6 (15 hrs.)	OP-12, OPC-254*6 (15 hrs.)
	BP-112	7.2 V	700 mAh	56.2 mm; 2.2 in		BC-74A/E/D/V*6 (15 hrs.)	
	BP-113	7.2 V	1200 mAh	73.0 mm; 2.9 in	BC-80 (1.5 hrs.)	BC-74A/E/D/V*6 (15 hrs.)	CP-12, OPC-254 (15 hrs.)
	BP-114	12.0 V	400 mAh	73.5 mm; 2.9 in	BC-80 (2 hrs.)	BC-74A/E/D/V (15 hrs.)	

*1 Can be charged when NiCd batteries are installed.

*2 Can not be used with the IC-2AT.

*3 The BA-12 is required.

*4 Connected through a transceiver or the AD-14.

*5 Connected through a transceiver or the AD-20.

*6 Connected through a transceiver.

144 MHz FM TRANSCEIVER IC-228H

*Proven performance and superiority.
Traditional mobile transceiver.*



- 45 W output power
- 20 memory channels
- Programmed and memory scan + memory skip functions
- Priority watch
- Adjustable display intensity
- Built-in programmable tone encoder (U.S.A. version)
- Optional pocket beep and tone squelch

The IC-228H's superior performance is already known by many 144 MHz amateurs who demand quality. Featuring a full 45 W of output power, 20 memory channels and advanced scan functions, this transceiver offers everything you need for mobile operation. Programmable call channel allows you to recall your most-often-used repeater frequency with one touch. Find out why the IC-228H is a favorite among amateurs.

220 MHz FM TRANSCEIVER IC-38A

- Simple operation
- 25 W output power
- 21 memory channels
- VFO and memory scan functions
- Memory skip function
- Programmable offset frequency
- HM-14 DTMF MICROPHONE is included
- Built-in programmable tone encoder
- Memory transfer function

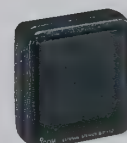
Compact, simple-to-use, the IC-38A is a 220 MHz mobile transceiver specially designed for operating convenience. All functions can be accessed with just a few switches and controls.



IC-PS30
DC POWER
SUPPLY



SM-8 DESKTOP
MICROPHONE



SP-12
EXTERNAL SPEAKER



UT-40*1
TONE SQUELCH UNIT

- HM-56/A HAND MICROPHONE
- SP-7, SP-10 EXTERNAL SPEAKERS
- SM-6, SM-20 DESKTOP MICROPHONES
- UT-28*2 DIGITAL CODE SQUELCH UNIT
- UT-29*2 TONE SQUELCH UNIT

*1 For the IC-228H.

*2 For the IC-38A.

DUAL BAND FM TRANSCEIVER

IC-W2

IC-W2A IC-W2E

DUAL BAND FM TRANSCEIVER

IC-X2

IC-X2A IC-X2E

*Tiny dual band transceivers with great potential.
Get ahead with superiority.*



- **Simultaneous 2 band receiving**
- **5 W* with 13.8 V DC**
*1 W for the IC-X2A/E 1200 MHz band.
- **60 memory + 2 call channels**
- **Clock with ON/OFF timer**
- **Versatile scan functions and priority watch**
- **Pager and code squelch**
- **Pocket beep, tone squelch + programmable tone encoder***

*Already installed in the U.S.A. version.
Optional for other versions.

Featuring perfect simultaneous 2 band signal receiving capability, the IC-W2A/E and IC-X2A/E are dual band handhelds for 144/430 (440) MHz and 430 (440)/1200 MHz respectively. Receive 2 band signals simultaneously, or receive on one band while transmitting on another. Wait for scheduled calls on one band while operating on the other. By utilizing built-in pager and code squelch functions, you need not receive undesired communications. Full of features, the IC-W2A/E and IC-X2A/E still fit snugly into your hand.



DUAL BAND FM TRANSCEIVER

IC-24AT

- **Compact and lightweight**
- **Crossband full duplex QSO**
- **5 W with 13.8 V DC**
- **4 DTMF code channels**
- **40 memory channels**
- **2 call channels**
- **24-hour system clock**
- **Versatile scan functions**

Compare the IC-24AT's compact body with other larger and bulkier dual band handhelds for yourself. Anytime, anywhere, enjoy 144/430 (440) MHz operation with a compact body that measures 52(W) × 136.5(H) × 34.5(D) mm.*

*2.0(W) × 5.4(H) × 1.4(D) in. With the BP-82 BATTERY PACK.

BP-81~BP-85 BATTERY PACKS

BP-90
BATTERY CASEBC-80
DESKTOP CHARGERHM-65*1 SPEAKER-
MICROPHONE

- **AD-14,*2 AD-20*1 BATTERY CHARGE ADAPTERS**
- **BA-11 BOTTOM CAP**
- **BC-72 DESKTOP CHARGER**
- **CP-12,*2 CP-13*1 CIGARETTE LIGHTER CABLES WITH NOISE FILTERS**
- **MB-30 MOUNTING BRACKET**
- **OPC-254,*2 OPC-288*1 DC POWER CABLE**
- **SP-13 EARPHONE**
- **HM-9,*2 HM-46,*2 HM-54,*2 HM-70*1 SPEAKER-MICROPHONES**
- **HS-51,*2 HS-60*1 HEADSETS**
- **UT-50,*2 UT-63*1 TONE SQUELCH UNITS**
- **UT-51*2 PROGRAMMABLE TONE ENCODER UNIT**

*1 For the IC-W2A/E and IC-X2A/E.

*2 For the IC-24AT.

144 MHz FM TRANSCEIVER
IC-2SR
 IC-2SRA IC-2SRE

UHF FM TRANSCEIVER
IC-4SR
 IC-4SRA IC-4SRE

*Expand the borders of communication coverage.
 Wideband receiver and transceiver in one!*



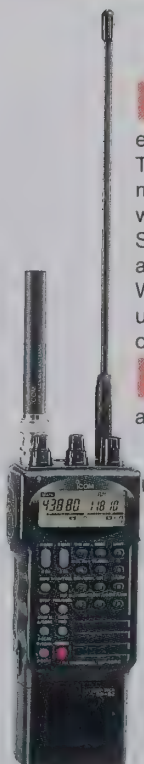
• **Wideband receiving:
 50~905 MHz***

*Frequency coverage varies according to versions.

- **AM, FM and wide-FM modes for the wideband receiver**
- **5 W with 13.8 V DC**
- **Clock with ON/OFF timers**
- **Full, programmed, memory, memory skip, and selected mode memory scan + priority watch functions**
- **Built-in pager and code squelch functions**
- **Pocket beep, tone squelch and tone encoder functions***

*Already installed in the U.S.A. version.
 Optional for other versions.

- **Auto dialing capability**
- **30 memory channels for ham band and 60 memory channels for wideband receiver**
- **2 call channels**
- **4 scan edge channels**



Previously, both a transceiver and wideband receiver were necessary to enjoy both QSO and wideband receiving. There was no alternative to this bulky method. Icom now offers handhelds with wideband receive capability: the IC-2SRA/SRE and IC-4SRA/SRE for the 144 MHz and 430 (440) MHz bands respectively. Widen the borders of complete coverage using the wideband receiver section that covers the 50~905 MHz frequency range.

Listen to a ham band signal and another from FM broadcasting, TV audio, VHF air, marine bands and more in AM, FM and wide-FM modes. This feature also enables simultaneous 2-frequency receiving on the ham band. Operation is easy with independent volume and squelch controls for the ham band and wideband receiving.

For selective calling and quiet standby, no optional unit is necessary to enjoy pager and code squelch functions. The U.S.A. versions also include pocket beep, tone squelch and tone encoder functions. Needless to say, basic transceiver performance is excellent.



- **BA-11 BOTTOM CAP**
- **BC-72, BC-80 DESKTOP CHARGERS**
- **BC-77A/E/D/V WALL CHARGER**
- **BP-81~BP-85 BATTERY PACKS**
- **BP-90 BATTERY CASE**
- **CP-13 CIGARETTE LIGHTER CABLE WITH NOISE FILTER**
- **AD-20 BATTERY CHARGE ADAPTER**
- **OPC-288 DC POWER CABLE**
- **HM-65 SPEAKER-MICROPHONE**
- **LC-71~LC-73 CARRYING CASES**
- **UT-63 TONE SQUELCH UNIT**

144 MHz FM TRANSCEIVER

UHF FM TRANSCEIVER

IC-P2T

IC-P4T

IC-P2AT IC-P2ET

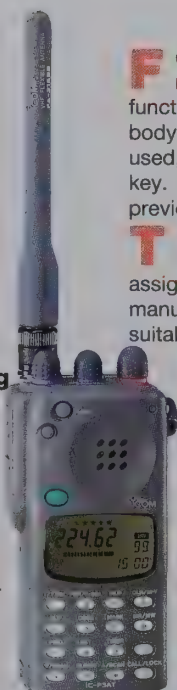
IC-P4AT IC-P4ET

*Clever, compact and multi-functional.
AI handhelds have arrived.*



- AI (Artificial Intelligence) handhelds that 'think'
- Automatically evaluates your operating ability
- Memorizes order of used functions
- 100 memory channels
- Programmable call channel
- Compact, rounded body
- Backlit keyboard
- 5 W with 13.8 V DC
- Cartridge-type battery packs that simplify changing
- 24-hour system clock with on/off timer functions
- Auto power-off function
- High-speed scan and priority watch
- Optional pager and code squelch
- Pocket beep, tone squelch + programmable tone encoder*

*Already installed in the U.S.A. version.
Optional for other versions.



For easier operation and operating enjoyment, a unique AI (Artificial Intelligence) function is incorporated into a smart-looking body. Every time a secondary function is used, it is automatically allocated to the AI key. Simply push the AI key to access the previously-used secondary function.

The order of used secondary functions is also memorized. This is useful for assigning your favorite function to the AI key manually. These handhelds offer functions suitable for your operating knowledge.

These durable, splash-resistant handhelds fit comfortably into anyone's hand: measuring only 49(W) × 105(H) × 38.5(D) mm and weighing 280 g.* Moreover, the keyboard is illuminated for night time operation. Why not give these intelligent handhelds a try?

*1.9(W) × 4.1(H) × 1.5(D) in and 9.9 oz, including supplied BP-111 BATTERY PACK.

144 MHz FM TRANSCEIVER IC-P3AT



- CP-12 CIGARETTE LIGHTER CABLE WITH NOISE FILTER
- HM-9, HM-46, HM-54 SPEAKER-MICROPHONES
- HS-51 HEADSET
- MB-30 MOUNTING BRACKET
- LC-91~LC-93 CARRYING CASES
- OPC-254 DC POWER CABLE
- UT-50 TONE SQUELCH UNIT

144 MHz FM TRANSCEIVER

IC-P2

IC-P2A IC-P2E

UHF FM TRANSCEIVER

IC-P4

IC-P4A IC-P4E

*Ergonomic beauty...the evolution of the handheld.
Simple to operate for everyone.*



- **Error-free operation**
- **Convenient compactness**
- **Dual function displays with 24-hour system clock**
- **100 memory channels**
- **Memory transfer function**
- **5 W with 13.8 V DC**
- **High sensitivity receiver**
- **Full, programmed and memory scan functions**
- **Cartridge-type battery pack**
- **Dial select function that provides 100 kHz or 1 MHz tuning steps and quick memory channel selection**
- **Programmable offset frequency**
- **A variety of tuning steps**
- **Simple 1750 Hz tone call for Europe versions**
- **Automatic power saver**
- **Lock function that prevents accidental frequency changes**



For the 144 MHz and 430 (440) MHz bands, Icom offers you compact and easy-to-operate handhelds: the IC-P2A/E and IC-P4A/E. Beginners included, error-free operation is ensured with few switches and controls. By simply rotating the main dial, swiftly select a desired frequency or memory channel.

The durable, splash-resistant, body measures a slim 49(W) × 105(H) × 38.5(D) mm and weighs only 280 g.* Miniaturation in handheld design reaching a new stage of excellence.

*1.9(W) × 4.1(H) × 1.5(D) in and 9.9 oz

You'll love the newly-developed cartridge-type battery packs that simplify attachment. Even though operation is easy, these handhelds have daily-used functions including 100 memory channels and a 24-hour system clock on the function display. Quick 100 kHz or 1 MHz tuning steps are also available. The IC-P2A/E and IC-P4A/E are the perfect companions for outdoors.



HM-46
SPEAKER-
MICROPHONE

HM-54 SPEAKER-
MICROPHONE

CP-12 CIGARETTE
LIGHTER CABLE
WITH NOISE FILTER

HS-51 HEADSET

- **BC-80** DESKTOP CHARGER
- **HM-9** SPEAKER-MICROPHONE
- **MB-30** MOUNTING BRACKET
- **BP-110** BATTERY CASE
- **BP-111~BP-114** BATTERY PACKS
- **LC-94~LC-96** CARRYING CASES
- **OPC-254** DC POWER CABLE

144 MHz FM TRANSCEIVER

UHF FM TRANSCEIVER

IC-2ST

IC-4ST

IC-2SAT IC-2SET

IC-4SAT IC-4SET

*Discover what today's multi-functional handhelds are all about.
There is no need to weigh yourself down.*



- **Small size**
- **48 memory channels + 1 call channel that store repeater information**
- **5 W with 13.8 V DC**
- **Built-in 7.2 V, 300 mAh NiCd batteries**
- **High sensitivity receiver**
- **High-speed scan and priority watch**
- **24-hour system clock with power on timer**
- **Auto power-off function**
- **Auto power saver**
- **3-way tuning system: direct keyboard entry, up/down keys + main dial**
- **Optional pager and code squelch**
- **Optional pocket beep and tone squelch**
- **External battery packs for extended operating times**



Incredibly sophisticated IC-2SAT/SET, IC-3SAT and IC-4SAT/SET deliver outstanding performances. Including internal NiCd batteries, these handhelds are very lightweight and compact: measuring just 49(W) × 102.5(H) × 35(D) mm and weighing only 280 g.*

*1.9(W) × 4.0(H) × 1.4(D) in and 9.9 oz

These handhelds have a full array of functions, yet are very easy to operate with the keyboard. The timer function ensures you precise QSO scheduling. Find a desired station using the advanced scan functions.

More convenient features are usable by adding options. For those who require quiet standby in a crowded city area, the pocket beep and tone squelch functions are recommended. Install the pager and code squelch functions, then call only your friends. Connect a battery pack to operate the handhelds continuously.



- **BA-12 BATTERY CHARGE ADAPTER**
- **BC-72 DESKTOP CHARGER**
- **CP-12 CIGARETTE LIGHTER CABLE WITH NOISE FILTER**
- **HM-9, HM-46, HM-54 SPEAKER-MICROPHONES**
- **MB-30 MOUNTING BRACKET**
- **BP-81~BP-85 BATTERY PACKS**
- **BP-90 BATTERY CASE**
- **UT-49 DTMF DECODER UNIT**
- **UT-51 PROGRAMMABLE TONE ENCODER UNIT**

220 MHz FM

TRANSCEIVER IC-3SAT

144 MHz FM TRANSCEIVER

IC-2S

IC-2SA IC-2SE

UHF FM TRANSCEIVER

IC-4S

IC-4SA IC-4SE

*Ultra compact and simple operation.
Powerful, little giants.*



- **Total error-free operation for everyone**

- **Incredibly compact:**

49(W) × 103.5(H) ×

33(D) mm*

*1.9(W) × 4.1(H) × 1.3(D) in, with the BP-82 BATTERY PACK.

- **48 memory channels**
- **Programmable call channel**
- **Memory transfer function**
- **5 W with 13.8 V DC**
- **High sensitivity receiver**
- **Convenient scan functions**
- **100 kHz tuning step is available for quick QSY'ing**
- **Simple 1750 Hz tone call (Europe version)**
- **Convenient main dial on the top panel**
- **External DC power jack with charging capability**
- **Auto power saver for longer operating times**
- **4 selectable output power levels**



How small is small? The miniature IC-2SA/SE and IC-4SA/SE are redefining the word. With an optional BP-81 BATTERY PACK, they weigh 230 g and measure just 49(W) × 93.5(H) × 33(D) mm.* It's no surprise that these handhelds can fit snugly into anyone's hand.

*8.1 oz and 1.9(W) × 3.7(H) × 1.3(D) in

Under all conditions, beginning and veteran hams alike can enjoy total error-free operation today using a minimum number of switches and controls. Easily and immediately, an operating frequency can be selected via the main dial on the top panel.

Even though these are easy to operate, convenient functions are included. Store operating frequency with repeater information into 48 memory channels and 1 call channel. The function display has lighting for night operation. To ensure longer operating time, an auto power saver and auto power-off timer are offered.



BP-90 BATTERY CASE

BP-81~BP-85 BATTERY PACKS

MB-30 MOUNTING BRACKET

HM-46 SPEAKER-MICROPHONE

- BP-72, BC-80 DESKTOP CHARGERS
- CP-12 CIGARETTE LIGHTER CABLE WITH NOISE FILTER
- HM-9, HM-54 SPEAKER-MICROPHONES
- HS-51 HEADSET
- OPC-254 DC POWER CABLE



*Proven quality and reliability by many owners.
Renowned, rugged handhelds.*



- **IC-2GAT/GA/GE: full 7 W***
- **IC-4GAT: full 6 W***
- **IC-12GAT: stable 1 W**
- *With the BP-7, BP-70 BATTERY PACKS or 13.8 V DC.
- **Simple operation**
- **Splash-resistant, rugged body**
- **20 memory channels**
- **Programmable call channel***
- *Except for the IC-2GE.
- **Programmed and memory scan + memory skip function**
- **Programmable offset frequency**
- **Repeater input frequency monitor function**
- **RIT/VXO functions for the IC-12GAT**
- **DTMF keyboard for the IC-2GAT, IC-4GAT and IC-12GAT**
- **1750 Hz tone call function for the IC-2GE**



The popular IC-2GA/GAT/GE, IC-4GAT and IC-12GAT come equipped with convenient features, yet they are simple to operate. With unique touch-step switches on the top panel, the operating frequencies can be tuned up or down in seconds.

To withstand daily use in severe environments, these handhelds are ruggedly built and splash resistant. 20 memory channels and a call channel* store required information for repeater access.

*Except for the IC-2GE.

One of the highest output power handhelds in its class! Using an external 13.8 V DC,*¹ BP-7 or BP-70 BATTERY PACK, the IC-2GA/GAT/GE and IC-4GAT offer 7 W and 6 W of output power, respectively. Access repeaters that you could not use previously. For quiet standby, pocket beep and tone squelch functions are available as options.*²

*¹ An optional AD-12 is required.

*² Except for the IC-2GE.



- **AD-12 EXTERNAL POWER ADAPTER**
- **CP-11 CIGARETTE LIGHTER CABLE WITH NOISE FILTER**
- **HM-9L, HM-46L SPEAKER-MICROPHONES**
- **HS-51 HEADSET**
- **MB-22 ALLIGATOR CLIP**
- **MB-24 MOUNTING BRACKET (Hanger-type)**
- **MB-25 MOUNTING BRACKET (Wall-type)**
- **UT-40 TONE SQUELCH UNIT***
- *Except for the IC-2GE.



144 MHz FM TRANSCEIVER

IC-02

IC-02A IC-02AT

*Reliability you can depend on.
Time proven handheld.*



- **Splash-resistant, rugged body**
- **Full 5 W output power***
*With the BP-7 or BP-70 BATTERY PACK or 13.8 V DC.
- **10 memory channels**
- **Programmed and memory scan functions**
- **Programmable tone encoder (U.S.A. version)**
- **DTMF keyboard (IC-02AT)**

The IC-02A/AT is designed for amateurs that demand top-grade quality and performance. This handheld is also renowned for outstanding reliability under the most demanding conditions. Quick and convenient repeater access is assured with 10 memory channels that store repeater information. A full 5 W of output power is available with either optional BP-7, BP-70 BATTERY PACKS or 13.8 V DC. To access a closed repeater, the programmable tone encoder is included in the U.S.A. version.

144 MHz FM TRANSCEIVER

IC-2AT

- **Easy operation for anyone**
- **Rugged construction**
- **Durable construction**
- **2.3 W output power***
*With the BP-5 or BP-5A BATTERY PACK.
- **DTMF keyboard**
- **Fully synthesized**
- **A variety of options**



Passing the test of time, IC-2AT keeps on going. Just select the numbers with the thumbwheel switches on the top panel, and frequency selection is complete. Accessing a repeater is also easy. This transceiver is now one of the most influential and popular handhelds ever made.



- **BC-35, BC-36 AC BATTERY CHARGERS**
- **BP-10*¹ BOTTOM CAP**
- **BP-2, BP-3, BP-5, BP-7,*¹ BP-8, BP-70*¹ BATTERY PACKS**
- **BP-4 BATTERY CASE**
- **CP-10 BATTERY SEPARATION CABLE**
- **DC-1*² DC-DC CONVERTER**
- **HM-9, HM-46 SPEAKER-MICROPHONES**
- **HS-51*¹ HEADSET**
- **MB-16D WALL BRACKET**

*¹ For the IC-02A/AT only.

*² For the IC-2AT only.

*³ For IC-2AT operation, the DC-1 is required.

144 MHz REPEATER UHF REPEATER 1200 MHz REPEATER
IC-RP1520 IC-RP4020 IC-RP1220

*Perform flawlessly under the most demanding conditions.
 Extend your communication reach.*



- **IC-RP1520: stable 25 W output power**
- **IC-RP4020: 10, 25 or 50 W output power versions are available**
- **IC-RP1220: stable 10 W output power**
- **Hang-up and time-out timers**
- **DTMF decoder for remote control**
- **4-digit password that prevents unauthorized control**
- **Built-in CTCSS encoder/decoder**
- **Excellent low IMD**
- **Local inhibit function**
- **AC/DC power operation**
- **Operates in $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}^*$ temperature range**
* $-14^{\circ}\text{F}\sim+140^{\circ}\text{F}$
- **Fully synthesized**
- **Built-in speaker**
- **Hand microphone included**

With activity on the VHF and UHF bands flourishing, there's never been a better time to own a professional quality repeater: the IC-RP1520, IC-RP4020 and IC-RP1220, for the 144, 430 (440) and 1200 MHz bands respectively.

User-programmable functions can be remotely controlled using DTMF codes. There is no need for frequent visits to the repeater site. Your 12-digit DTMF code provides access to CTCSS encoder/decoder frequency settings, operating frequency fine tuning and more. The 2-way remote control system is included for use with the built-in DTMF decoder or an external receiver. Don't worry about unauthorized remote controlling, since the DTMF code includes a 4-digit password.

Including a heavy-duty power supply unit that controls load fluctuations and a dependable power module, these repeaters guarantee 24-hour operation with stable, full output power in a $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}^*$ temperature range.

* $-14^{\circ}\text{F}\sim+140^{\circ}\text{F}$

These reliable repeaters can overcome even the most demanding problems through AC/DC operation capability. Power failures have no effect. Even if the AC power fails, these repeaters operate with an external 12 V battery until AC power is restored.

Separate, advanced PLL circuits are used for the transmitter and receiver. This system permits total freedom in selecting offset frequencies. Precision circuits are used to ensure low IMD and low spurious emissions. During installation, the CW call sign can be programmed very easily yourself. Identification speed is selectable at 4~30 wpm. The local inhibit function is useful for adjustment or maintenance. When this function is activated, the repeater operates as a transceiver.

Additional attractive features are: a high sensitivity receiver, CTCSS encoder/decoder and more. Providing excellent performance in any environment, the IC-RP1520, IC-RP4020 and IC-RP1220 are ideal for group and club use alike.

144 MHz REPEATER

220 MHz REPEATER

IC-RP1510

IC-RP2210

*Expand your communication horizons.
Professional-class dependability.*



- Stable 25 W output power
- Adjustable hang-up timer
- Built-in CTCSS encoder/decoder
- Excellent low IMD
- AC/DC power operation
- Operates in $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}^*$ temperature range
- Local inhibit function
- Fully synthesized
- Built-in speaker
- Hand microphone included
- Durable steel frame
- DTMF remote control: local inhibit ON/OFF and CTCSS ON/OFF
- CW identification capability*

*Before shipping from Icom, your repeater call sign is programmed. Ask your Icom Dealer for details.

Quality and dependability are now available in professional-grade 144 and 220 MHz repeaters: the IC-RP1510 and IC-RP2210. These reliable repeaters prepare you for the times when you really need performance.

For the transmitter and receiver, superior, separate PLL circuits are used. With this system, offset frequencies can be selected freely. To ensure low IMD and low spurious emissions, precision circuits are adopted. A heavy-duty power supply and dependable power module are adopted for 24-hour operation. In $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}^*$ temperature range, a stable 25 W output power is guaranteed.

* $-14^{\circ}\text{F}\sim+140^{\circ}\text{F}$

Non-stop operation is assured even during power failures. If the AC power supply is interrupted, DC power from a backup battery will be automatically linked for emergency power.

Local inhibit ON/OFF, CTCSS ON/OFF are remotely selectable using DTMF codes. Up to 2 of your favorite auxiliary functions can also be controlled, if required. You need not worry about unauthorized remote controlling. To prevent outsider control, a 4-digit DTMF code password is required.

Adjustment is easy. When local inhibit function is activated, these repeaters operate as a transceiver. According to operating conditions, hang-up time is adjustable at 0, 1, 3 or 5 sec. To operate them as closed repeaters, use CTCSS encoder/decoder functions that offer 37 tone frequencies. CW identification speed is easily selectable at 3~20 wpm.

Before shipping, these repeaters are thoroughly inspected under continuous operation. Thus, in any environment, the IC-RP1510 and IC-RP2210 offer excellent performance. Find out what superior dependability is all about.

SPECIFICATIONS

HF and all mode transceivers

		IC-781	IC-765	IC-728	IC-729	IC-735	IC-751A
General	Frequency coverage	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands Rx: 100 kHz~30 MHz	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands Rx: 100 kHz~30 MHz	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands Rx: 30 kHz~30 MHz Specifications guaranteed 500 kHz~30 MHz.	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28, 50 MHz bands Rx: 30 kHz~33 MHz, 46.2~61.1 MHz Specifications guaranteed 500 kHz~30 MHz and 50~54 MHz.	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands Rx: 100 kHz~30 MHz	Tx: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands RX: 100 kHz~30 MHz
	Modes	USB, LSB, CW, RTTY, AM, FM	USB, LSB, CW, RTTY, AM, FM	USB, LSB, CW, AM,* FM* *An optional UI-7 is required for AM transmitting and FM transmitting/receiving.	USB, LSB, CW, AM, FM	USB, LSB, CW, AM, FM	USB, LSB, CW, RTTY, AM, FM
	Frequency stability	±15 Hz -10°C~+60°C; +14°F~+140°F	±30 Hz/1 hour +25°C; +77°F, after 1 hour	±30 Hz/1 hour +25°C; +77°F, after 1 hour	±30 Hz/1 hour +25°C; +77°F, after 1 hour	±30 Hz/1 hour +25°C; +77°F, after 1 hour	±30 Hz/1 hour +25°C; +77°F, after 1 hour
	Max. power consumption or current drain	760 VA	650 VA	20 A at 13.8 V DC	20 A at 13.8 V DC	20 A at 13.8 V DC	20 A at 13.8 V DC
	Dimensions (W) × (H) × (D) Projections not included.	425 × 149 × 411 mm 16.7 × 5.9 × 16.2 in	424 × 150 × 390 mm 16.7 × 5.9 × 15.4 in	241 × 94 × 239 mm 9.5 × 3.7 × 9.4 in	241 × 94 × 239 mm 9.5 × 3.7 × 9.4 in	241 × 94 × 239 mm 9.5 × 3.7 × 9.4 in	306 × 115 × 355 mm 12.0 × 4.5 × 14.0 in
	Weight	23 kg; 50.7 lb	17.5 kg; 38.6 lb	4.6 kg; 10.1 lb	4.8 kg; 10.6 lb	5.0 kg; 11.0 lb	8.5 kg; 18.7 lb
Transmitter	Output power	USB, LSB, CW, RTTY, FM: 15~150 W AM: 8~75 W	USB, LSB, CW, RTTY, FM: 10~100 W AM: 10~40 W	USB, LSB, CW, FM: 10~100 W AM: 10~40 W	HF: USB, LSB, CW, FM: 10~100 W AM: 10~40 W 50 MHz: USB, LSB, CW, FM: 1~10 W AM: 1~4 W	USB, LSB, CW, FM: 10~100 W AM: 10~40 W	USB, LSB, CW, RTTY, FM: 10~100 W AM: 10~40 W
	Spurious emissions Below peak output power.	More than 60 dB	More than 60 dB	More than 50 dB	HF: More than 50 dB 50 MHz: More than 60 dB	More than 50 dB	More than 60 dB
	Carrier suppression Below peak output power.	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB
	Unwanted sideband Below peak output power.	More than 55 dB	More than 55 dB	More than 50 dB	More than 50 dB	More than 50 dB	More than 55 dB
Receiver	Sensitivity Preamp ON. SSB, CW, RTTY, AM: For 10 dB S/N. FM: For 12 dB SINAD.	SSB, CW, RTTY: 0.1~0.5 MHz 0.5 μV 0.5~1.8 MHz 1.0 μV 1.8~30 MHz 0.16 μV AM: 0.1~0.5 MHz 3.2 μV 0.5~1.8 MHz 6.3 μV 1.8~30 MHz 1.0 μV FM: 28~30 MHz 0.23 μV	SSB, CW, RTTY: 0.1~0.5 MHz 0.7 μV 0.5~1.8 MHz 1.0 μV 1.8~30 MHz 0.15 μV AM: 0.1~0.5 MHz 4.4 μV 0.5~1.8 MHz 6.3 μV 1.8~30 MHz 1.0 μV FM: 28~30 MHz 0.3 μV	SSB, CW: 1.8~30 MHz 0.16 μV AM: 0.5~1.8 MHz 13 μV 1.8~30 MHz 2.0 μV FM: 28~30 MHz 0.5 μV	SSB, CW: 1.8~30 MHz 0.16 μV 50~54 MHz 0.13 μV AM: 0.5~1.8 MHz 13 μV 1.8~30 MHz 2.0 μV 50~54 MHz 2.0 μV FM: 28~30 MHz 0.5 μV 50~54 MHz 0.3 μV	SSB, CW: 0.1~1.6 MHz 1.0 μV 1.6~30 MHz 0.15 μV AM: 0.1~1.6 MHz 6.0 μV 1.6~30 MHz 1.0 μV FM: 1.6~30 MHz 0.5 μV	SSB, CW, RTTY: 0.1~0.5 MHz 0.5 μV 0.5~1.6 MHz 1.0 μV 1.6~30 MHz 0.15 μV AM: 0.1~0.5 MHz 3.0 μV 0.5~1.6 MHz 6.0 μV 1.6~30 MHz 1.0 μV FM: 28~30 MHz 0.3 μV
	Selectivity	SSB, AM narrow, CW narrow, RTTY wide: 2.4 kHz/-6 dB 3.8 kHz/-60 dB CW narrow, RTTY narrow: 250 Hz/-6 dB 800 Hz/-60 dB AM wide: 6.0 kHz/-6 dB 15 kHz/-60 dB FM: 15 kHz/-6 dB 30 kHz/-60 dB	SSB: 2.2 kHz/-6 dB 4.2 kHz/-60 dB CW, RTTY: 500 Hz/-6 dB 1.0 kHz/-60 dB AM: 6.0 kHz/-6 dB 18 kHz/-50 dB FM: 15 kHz/-6 dB 30 kHz/-60 dB	SSB, CW: 2.1 kHz/-6 dB 4.0 kHz/-60 dB AM: 6.0 kHz/-6 dB 20 kHz/-40 dB FM: 12 kHz/-6 dB 30 kHz/-50 dB	SSB, CW: 2.1 kHz/-6 dB 4.0 kHz/-60 dB AM: 6.0 kHz/-6 dB 20 kHz/-40 dB FM: 12 kHz/-6 dB 30 kHz/-50 dB	SSB, CW: 2.3 kHz/-6 dB 4.0 kHz/-60 dB AM: 6.0 kHz/-6 dB 18 kHz/-50 dB FM: 15 kHz/-6 dB 30 kHz/-50 dB	SSB: 2.3 kHz/-6 dB 3.8 kHz/-60 dB CW, RTTY: 500 Hz/-6 dB 1.3 kHz/-60 dB AM (wide filter): 8 kHz/-6 dB 18 kHz/-50 dB FM: 15 kHz/-6 dB 30 kHz/-50 dB
	Spurious and image rejection Except IF frequency.	More than 80 dB	More than 80 dB	More than 70 dB	More than 70 dB	More than 80 dB	More than 80 dB
	Audio output power At 10% distortion with an 8 Ω load	More than 2.6 W	More than 2.6 W	More than 2.6 W	More than 2.6 W	More than 3 W	More than 2.6 W

IC-4KL	IC-2KL	IC-970H/A/E	UX-R96, UX-97, UX-98	IC-275H	IC-475H	IC-575H	IC-1275A/E
U.S.A. version: 1.8, 3.5, 7, 10, 14, 18, 21 MHz bands Other versions: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands	U.S.A. version: 1.8, 3.5, 7, 10, 14, 18, 21 MHz bands Other versions: 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands	U.S.A. version: Tx: 144~148 MHz Rx: 140.1~150.0 MHz Spec. guaranteed 143.8~148.2 MHz. 430~450 MHz Europe version: 144~146 MHz 430~440 MHz	UX-R96: 50~905 MHz UX-97: 1240~1300 MHz UX-98: 2400~2450 MHz	U.S.A. version: Tx: 144~148 MHz Rx: 138~174 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz	U.S.A. version: 430~450 MHz Europe version: 430~440 MHz	Tx: 28~29.7 MHz, 50~54 MHz Rx: 26~56 MHz	1240~1300 MHz
Any	Any	LSB, USB, CW, FM	UX-R96: FM, wide FM, AM UX-97, UX-98: SSB, CW, FM	USB, LSB, CW, FM	USB, LSB, CW, FM	USB, LSB, CW, AM, FM	USB, LSB, CW, FM
_____	_____	±3 ppm +10°C~+50°C; +14°F~+122°F	±3 ppm +10°C~+50°C; +14°F~+122°F	±3 ppm +10°C~+50°C; +14°F~+122°F	±5 ppm 0°C~+50°C; +32°F~+122°F	±5 ppm 0°C~+50°C; +32°F~+122°F	±3 ppm 0°C~+50°C; +32°F~+122°F
8 A (at 200~240 V AC) 10 A (at 100~120 V AC)	23 A at 40 V DC	IC-970H: 16 A IC-970A/E: 9 A at 13.8 V DC	UX-R96: 900 mA UX-97: 8 A UX-98: 4.5 A	20 A at 13.8 V DC	20 A at 13.8 V DC	20 A at 13.8 V DC	6.0 A at 13.8 V DC
25 × 297 × 458.5 mm 9.7 × 11.7 × 18.1 in except for the remote controller.	241 × 111 × 300 mm 9.5 × 4.4 × 11.8 in Except for the power supply.	425 × 149 × 406 mm 16.7 × 5.9 × 16.0 in	123 × 57 × 250.5 mm 4.8 × 2.2 × 9.9 in	241 × 95 × 239 mm 9.5 × 3.7 × 9.4 in	241 × 95 × 239 mm 9.5 × 3.7 × 9.4 in	241 × 95 × 239 mm 9.5 × 3.7 × 9.4 in	241 × 95 × 239 mm 9.5 × 3.7 × 9.4 in
6.0 kg; 79.4 lb	6.9 kg; 15.2 lb*	14.5 kg; 32.0 lb	1.8 kg; 4.0 lb	6.0 kg; 13.2 lb	6.0 kg; 13.2 lb	6.1 kg; 13.4 lb	6.2 kg; 13.7 lb
at 200~240 V AC CW, RTTY: 1 kW* SSB: 1 kW* (PEP) at 100~120 V AC CW, RTTY: 500 W SSB: 500 W (PEP) 24, 28 MHz: 800 W.	CW, RTTY: 500 W SSB: 500 W (PEP)	IC-970H 144 MHz SSB, CW: 5~35 W FM: 6~45 W 430 MHz SSB, CW: 5~30 W FM: 6~40 W IC-970A/E: 3.5~25 W	UX-R96: Receive only UX-97: 1~10 W UX-98: 0.2~1 W	10~100 W	10~75 W	SSB, CW, FM: 10~100 W AM: 10~40 W	1~10 W
More than 60 dB	More than 60 dB	More than 60 dB	UX-97: More than 50 dB UX-98: More than 40 dB	More than 60 dB	More than 60 dB	More than 60 dB	More than 50 dB
_____	_____	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB
_____	_____	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB	More than 40 dB
_____	_____	SSB, CW: 0.11 μV FM: 0.18 μV	UX-R96 FM: 0.4 μV FM wide: 1.1 μV AM: 1.4 μV UX-97, UX-98 SSB, CW: 0.11 μV FM: 0.2 μV	SSB, CW: 0.1 μV FM: 0.18 μV	SSB, CW: 0.1 μV FM: 0.18 μV	SSB, CW: 0.13 μV FM: 0.25 μV AM: 1 μV	SSB, CW: 0.11 μV FM: 0.18 μV
_____	_____	SSB, CW: 2.3 kHz/-6 dB 4.2 kHz/-60 dB FM: 15 kHz/-6 dB 30 kHz/-50 dB	SSB, CW*1: 2.3 kHz/-6 dB 4.2 kHz/-60 dB FM: 15 kHz/-6 dB 30 kHz/-50 dB AM*2: 15 kHz/-6 dB Wide FM*2: 180 kHz/-6 dB *1 UX-97, UX-98 only. *2 UX-R96 only.	SSB, CW: 2.3 kHz/-6 dB 4.2 kHz/-60 dB FM: 15 kHz/-6 dB 30 kHz/-60 dB	SSB, CW: 2.3 kHz/-6 dB 4 kHz/-60 dB FM: 15 kHz/-6 dB 30 kHz/-60 dB	SSB, CW: 2.3 kHz/-6 dB 4 kHz/-60 dB AM: 6 kHz/-6 dB 15 kHz/-60 dB FM: 15 kHz/-6 dB 30 kHz/-60 dB	SSB, CW: 2.3 kHz/-6 dB 4.2 kHz/-60 dB FM: 15 kHz/-6 dB 30 kHz/-60 dB
_____	_____	More than 60 dB	UX-97: More than 50 dB UX-98: More than 40 dB	More than 70 dB	More than 70 dB	More than 70 dB	More than 50 dB
_____	_____	More than 1.5 W	_____	More than 2 W	More than 2 W	More than 2 W	More than 2 W

*Not included power supply.

SPECIFICATIONS

Mobile transceivers

	IC-901A/E	IC-901A/E optional band units						IC-2410H/A/E
		UX-19A/E	UX-59A	UX-39A	UX-129A/E	UX-S92	UX-R91A/E	
Frequency coverage Frequency coverage differs according to versions.	U.S.A. version: Tx: 144~148 MHz Rx: 136~174 MHz 440~450 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz 430~440 MHz	28~29.7 MHz	50~54 MHz	222~225 MHz	1240~1300 MHz	U.S.A. version: 144~148 MHz Europe version: 144~146 MHz	AM: 520~1630 kHz Wide FM: 76~108 MHz AM: 108~137 MHz FM: 137~236, 300~500, 800~950 MHz	U.S.A. version: Tx: 144~148 MHz Rx: 136~174 MHz Specifications guaranteed 144~148 MHz. 440~450 MHz Europe version: 144~146 MHz 430~440 MHz
Max. current drain	12 A	2.8 A	3.5 A	6.5 A	6.0 A	7.0 A	1.8 A	IC-2410H: 10.5 A IC-2410A/E: 8.0 A
Dimensions Projections not included.	150 × 50 × 191 mm 5.9 × 2.0 × 7.5 in	177 × 25 × 191 mm 7.0 × 1.0 × 7.5 in						177 × 25 × 171 mm 7.0 × 1.0 × 6.7 in
Weight	1.6 kg; 3.5 lb	1.1 kg; 2.4 lb	1.2 kg; 2.6 lb	1.1 kg; 2.4 lb	1.3 kg; 2.9 lb	1.2 kg; 2.6 lb	1.0 kg; 2.2 lb	1.35 kg; 3.0 lb
Output power At 13.8 V DC.	High 144 MHz 50 W 430 (440) MHz 35 W Low 5 W	High 10 W Low 1 W	High 10 W Low 1 W	High 25 W Low 5 W	High 10 W Low 1 W	High 25 W Low 5 W	520~1630 kHz: Less than 18 μ V for 10 dB S/N 76~108 MHz: Less than 3.2 μ V for 12 dB SINAD 137~950 MHz: Less than 0.5 μ V for 12 dB SINAD	IC-2410H High: 144 MHz/45 W, 430 (440) MHz/35 W Mid: 10 W, Low: 5 W IC-2410A/E High: 25 W, Mid: 10 W Low: 1 W
Sensitivity For 12 dB SINAD.	Less than 0.18 μ V	Less than 0.18 μ V	Less than 0.18 μ V	Less than 0.18 μ V	Less than 0.22 μ V	Less than 0.11 μ V*		Less than 0.16 μ V

*For 10 dB S/N.

Handheld transceivers

	IC-W2A/E	IC-X2A/E	IC-24AT	IC-2SRA/SRE IC-4SRA/SRE		IC-P2AT/ET IC-P3AT IC-P4AT/ET
				Ham band	Wideband receiver	
Frequency coverage Frequency coverage differs according to versions.	U.S.A. version: Tx: 144~148 MHz Rx: 136~174 MHz Specifications guaranteed 144~148 MHz. 440~450 MHz Europe version: 144~146 MHz 430~440 MHz	U.S.A. version: 440~450 MHz 1240~1300 MHz Europe version: 430~440 MHz 1240~1300 MHz	U.S.A. version: Tx: 144~148 MHz Rx: 138~174 MHz Specifications guaranteed 144~148 MHz. 440~450 MHz Europe version: 144~146 MHz 430~440 MHz	IC-2SRA/SRE U.S.A. version: Tx: 144~148 MHz Rx: 138~174 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz IC-4SRA/SRE U.S.A. version: 440~450 MHz Europe version: 430~440 MHz	25~950 MHz Specifications guaranteed 50~905 MHz	IC-P2AT/ET U.S.A. version: Tx: 144~148 MHz Rx: 138~174 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz IC-P3AT 222~225 MHz IC-P4AT/ET U.S.A. version: 440~450 MHz Europe version: 430~440 MHz
Dimensions (W) × (H) × (D) Projections not included.	54 × 170 × 36 mm 2.1 × 6.7 × 1.4 in With BP-84. 54 × 154 × 36 mm 2.1 × 6.1 × 1.4 in With BP-83.	54 × 170 × 36 mm 2.1 × 6.7 × 1.4 in With BP-84. 54 × 154 × 36 mm 2.1 × 6.1 × 1.4 in With BP-83.	52 × 136.5 × 34.5 mm 2.0 × 5.4 × 1.4 in With BP-82.	54 × 170 × 36 mm 2.1 × 6.7 × 1.4 in With BP-84. 54 × 135 × 36 mm 2.1 × 5.3 × 1.4 in With BP-82.		49 × 105 × 38.5 mm 1.9 × 4.1 × 1.5 in With BP-111.
Weight	530 g; 1.2 lb With BP-84. 450 g; 15.9 oz With BP-83.	535 g; 1.2 lb With BP-84. 455 g; 1.0 lb With BP-83.	340 g; 12.0 oz With BP-82.	IC-2SRA/SRE 510 g; 1.1 lb With BP-84. 395 g; 13.9 oz With BP-82.	IC-4SRA/SRE 500 g; 1.1 lb With BP-84. 385 g; 13.6 oz With BP-82.	280 g; 9.9 oz With BP-111.
Output power	High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW At 13.5 V DC.	430 (440) MHz High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW 1200 MHz High: More than 1 W Low: Approx. 150 mW At 13.5 V DC.	High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW At 13.5 V DC.	High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW At 13.5 V DC.	—	High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW At 13.8 V DC.
Sensitivity For 12 dB SINAD.	Less than 0.16 μ V	430 (440) MHz: Less than 0.16 μ V 1200 MHz: Less than 0.2 μ V	Less than 0.16 μ V	Less than 0.16 μ V	AM: 1.8 μ V For 10 dB S/N. FM: 0.56 μ V Wide FM: 1.8 μ V	Less than 0.16 μ V

All stated specifications are subject to change without notice or obligation.

IC-3220H/A/E	IC-3230H/A/E	IC-229H/A/E	IC-449A/E	IC-228H	IC-38A
U.S.A. version: Tx: 144~148 MHz Rx: 136~174 MHz Specifications guaranteed 144~148 MHz. 440~450 MHz Europe version: 144~146 MHz 430~440 MHz	U.S.A. version: Tx: 144~148 MHz Rx: 136~174 MHz Specifications guaranteed 144~148 MHz. 440~450 MHz Europe version: 144~146 MHz 430~440 MHz	U.S.A. version: Tx: 144~148 MHz Rx: 136~174 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz	U.S.A. version: 440~450 MHz Europe version: 430~440 MHz	U.S.A. version: Tx: 144~148 MHz Rx: 138~174 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz	222~225 MHz
IC-3220H: 10.5 A IC-3220A/E: 8.0 A	IC-3230H: 10.5 A IC-3230A/E: 8.0 A	IC-229H: 10.5 A IC-229A/E: 6.0 A	9.5 A	9.5 A	6.5 A
140 × 40 × 195 mm 5.5 × 2.0 × 7.7 in	140 × 40 × 165 mm 5.5 × 2.0 × 6.5 in	IC-229H 140 × 40 × 155 mm 5.5 × 2.0 × 6.1 in IC-229A/E: 140 × 40 × 105 mm 5.5 × 2.0 × 4.1 in	140 × 50 × 155 mm 5.5 × 2.0 × 6.1 in	140 × 50 × 159 mm 5.5 × 2.0 × 6.3 in	140 × 50 × 155 mm 5.5 × 2.0 × 6.1 in
1.4 kg; 3.1 lb	1.25 kg; 2.8 lb	IC-229H: 1.0 kg; 2.2 lb IC-229A/E: 750 g; 1.7 lb	1.0 kg; 2.2 lb	1.1 kg; 2.4 lb	1.2 kg; 2.6 lb
IC-3220H High: 144 MHz/45 W, 430 (440) MHz/35 W Mid: 10 W, Low: 5 W IC-3220A/E High: 25 W, Mid: 10 W Low: 1 W	IC-3230H High: 144 MHz/45 W, 430 (440) MHz/35 W, Mid: 10 W, Low: 5 W IC-3230A/E High: 25 W, Mid: 10 W, Low: 1 W	IC-229H High: 50 W, Low 3: 25 W Low 2: 10 W, Low 1: 5 W IC-229A/E High: 25 W, Low 3: 10 W, Low 2: 5 W, Low 1: 1 W	High: 35 W Low 3: 20 W Low 2: 10 W Low 1: 5 W	High: 45 W Low: 5 W	High: 25 W Low: 5 W
Less than 0.16 μ V	Less than 0.16 μ V	Less than 0.16 μ V	Less than 0.16 μ V	Less than 0.18 μ V	Less than 0.18 μ V

IC-P2A/E IC-P4A/E	IC-2SAT/SET IC-3SAT IC-4SAT/SET	IC-2SA/SE IC-4SA/SE	IC-2GA/GAT/GE IC-4GAT IC-12GAT	IC-02A IC-02AT	IC-2AT
IC-P2A/E U.S.A. version: Tx: 144~148 MHz Rx: 138~174 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz IC-P4A/E U.S.A. version: 440~450 MHz Europe version: 430~440 MHz	IC-2SAT/SET U.S.A. version: Tx: 144~148 MHz Rx: 140~150 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz IC-3SAT 222~225 MHz IC-4SAT/SET U.S.A. version: 440~450 MHz Europe version: 430~440 MHz	IC-2SA/SE U.S.A. version: Tx: 144~148 MHz Rx: 140~150 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz IC-4SA/SE U.S.A. version: 440~450 MHz Europe version: 430~440 MHz	IC-2GA/GAT/GE U.S.A. version: Tx: 144~148 MHz Rx: 138~174 MHz Specifications guaranteed 144~148 MHz. Europe version: 144~146 MHz IC-4GAT 440~450 MHz IC-12GAT 1240~1300 MHz Specifications guaranteed 1260~1300 MHz.	U.S.A. version: Tx: 144~148 MHz Rx: 140~149.995 MHz Specifications guaranteed 144~147.995 MHz.	U.S.A. version: 144~147.995 MHz
49 × 105 × 38.5 mm 2.1 × 4.1 × 1.5 in With BP-111.	49 × 102.5 × 35 mm 1.9 × 4.0 × 1.4 in	49 × 103.5 × 33 mm 1.9 × 4.1 × 1.3 in With BP-82.	65 × 151 × 35 mm 2.6 × 5.9 × 1.4 in With BP-70. 65 × 130 × 35 mm 2.6 × 5.1 × 1.4 in With BP-3.	65 × 160 × 35 mm 2.6 × 6.3 × 1.4 in With BP-3.	65 × 167 × 35 mm 2.6 × 6.6 × 1.4 in With BP-3.
280 g; 9.9 oz With BP-111.	280 g; 9.9 oz	270 g; 9.5 oz With BP-82.	IC-2GAT, IC-4GAT, IC-12GAT: 500 g; 1.1 lb With BP-70. IC-2GA: 430 g; 15 oz With BP-3.	IC-02A: 495 g; 1.1 lb IC-02AT: 515 g; 1.1 lb With BP-3	490 g; 1.1 lb With BP-3.
High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW At 13.8 V DC.	High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW At 13.2 V DC.	High: More than 5 W Low 3: Approx. 3.5 W Low 2: Approx. 1.5 W Low 1: Approx. 500 mW At 13.2 V DC.	IC-2GA/GAT/GE High: More than 7 W Low: Approx. 1 W IC-4GAT High: More than 6 W Low: Approx. 1 W IC-12GAT High: More than 1 W Low: Approx. 100 mW At 13.2 V DC.	High: More than 5 W Low: Approx. 500 mW At 13.2 V DC.	High: More than 2.3 W Low: Approx. 150 mW At 10.8 V DC.
Less than 0.16 μ V	IC-P2AT/ET, IC-P4AT/ET Less than 0.18 μ V IC-3SAT Less than 0.22 μ V	Less than 0.18 μ V	Less than 0.25 μ V	Less than 0.25 μ V	Less than 0.5 μ V for 20 dB NQL



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tones AND wideband receive coverage from 138 to 162.995MHz in 5kHz steps for MARS/CAP operation and weather broadcasts. There's also a simple-to-use **Digital Touchstep** Tuning System for fast shirt-pocket frequency adjustments. The IC-μ2A version comes complete with all these features except a DTMF pad and subaudible tones.

Accessories. The IC-μ2A/AT utilizes most existing ICOM handheld accessories plus a new line of long life and alkaline battery packs.

(Specifications on reverse side)

HF/VHF/UHF AMATEUR, MARINE AND BUSINESS USE COMMUNICATION EQUIPMENT



ICOM

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VHF FM TRANSCEIVER IC- μ 2A/AT

SPECIFICATIONS

GENERAL

- Frequency coverage

MODEL	GUARANTEED RANGE	OPERATIONAL RANGE	
	TRANSCEIVER	RECEIVER	TRANSMITTER
IC- μ 2A/AT U.S.A. version	144.000~147.995	140.000~163.000	140.000~149.995
IC- μ 2A Australia version	144.000~147.995	144.000~147.995	144.000~147.995

Unit: MHz

- Frequency resolution
- Antenna impedance
- Usable temperature range
- Frequency stability
- Current drain at 8.4V DC

5kHz			
50 Ω unbalanced			
-10°C ~ +60°C			
± 15 ppm at 0°C ~ +60°C			
Receiving	Power saved	Approx. 6mA	
	Squelched	Max. 30mA	
	At max. audio output	Max. 170mA	
Transmitting	HIGH(1.0W)	Max. 600mA	
	LOW(0.1W)	Max. 300mA	

- Dimensions (with BP-22)

58(61)W \times 140(148)H \times 29(33)D mm
Bracketed values include projections.

- Weight

340g

TRANSMITTER

- Output power
- Emission mode
- Modulation system
- Max. frequency deviation
- Spurious emissions

HIGH 1.0W LOW 0.1W
16K0F3E (F3)
Variable reactance frequency modulation
 ± 5 kHz
More than 60dB below carrier output power

BATTERY PACK	OUTPUT VOLTAGE	*TRANSMIT POWER	*OPERATING TIME
BP-20	9 V	1.4W	6~11hrs.
BP-21	7.2V	1.2W	2hrs.
BP-22	8.4V	1.6W	4.5hrs.
BP-23	8.4V	1.6W	10hrs.
BP-24	10.8V	2.6W	8hrs.

※ Stated operation power and times are approximate and are determined by the following ratio:
TX(HIGH):RX:STBY = 1:1:8

RECEIVER

- Receiving system
- Intermediate frequencies
- Modulation acceptance
- Sensitivity
- Squelch sensitivity (Threshold)
- Spurious response rejection ratio
- Audio output power

Double-conversion superheterodyne
1st 16.9MHz 2nd 455kHz
16K0F3E (F3)
Less than 0.25 μ V (-12dB μ) for 12dB SINAD
Less than 0.1 μ V (-20dB μ)
More than 60dB
More than 0.25W at 10% distortion with an 8 Ω load

ACCESSORIES

AD-10 ADAPTER

For BC-35 rapid charger.

AD-11 BATTERY PACK ADAPTER

Allows connection of the IC-BP2~IC-BP8 (except IC-BP7) BATTERY PACKS to your IC- μ 2A/AT.

BC-16U WALL CHARGER

Charges BP-23 and BP-24 BATTERY PACKS.

BC-25U WALL CHARGER

Charges BP-21 and BP-22 BATTERY PACKS.

BP-20 BATTERY CASE

AA Size battery case.

BP-21 BATTERY PACK

120mAH at 7.2V NiCd battery pack.

BP-22 BATTERY PACK

270mAH at 8.4V NiCd battery pack.

BP-23 BATTERY PACK

600mAH at 8.4V long-life NiCd battery pack.

BP-24 BATTERY PACK

600mAH at 10.8V high power type battery pack.

BC-50U AC BATTERY CHARGER

Charges BP-21, BP-22, BP-23 and BP-24 BATTERY PACKS.

DC-25 REGULATOR UNIT

Allows use of the car battery directly.

IC-HM9L SPEAKER-MICROPHONE

Plugs into transceiver with suitable L-type plug and clips on lapel or pocket. Has PTT SWITCH.

HS-10 HEADSET

HS-10SA VOX UNIT

To be used with HS-10 HEADSET.

HS-10SB PTT SWITCHBOX

To be used with HS-10 HEADSET.

Carrying Cases for IC- μ 2A

LC-24 Case for BP-20 BATTERY PACK

LC-25 Case for BP-21 BATTERY PACK

LC-26 Case for BP-22 and BP-23 BATTERY PACKS

LC-27 Case for BP-24 BATTERY PACK

Carrying Cases for IC- μ 2AT

LC-28 Case for BP-20 BATTERY PACK

LC-29 Case for BP-21 BATTERY PACK

LC-30 Case for BP-22 and BP-23 BATTERY PACKS

LC-31 Case for BP-24 BATTERY PACK

MB-20 BELT CLIP

TELESCOPING ANTENNA

UT-37 TONE SQUELCH UNIT

UT-38 DTMF ENCODER UNIT



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All ICOM radios significantly exceed FCC regulations limiting spurious emissions.

ICOM

HF/50 MHz ALL MODE TRANSCEIVER

IC-726



Advanced HF and 50 MHz operation for every ham.

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SPECIFICATIONS

■ GENERAL

- Frequency coverage : Transmit 1.80000~1.99999 MHz
3.40000~4.09999 MHz
6.90000~7.49999 MHz
9.90000~10.49999 MHz
13.90000~14.49999 MHz
17.90000~18.49999 MHz
20.90000~21.49999 MHz
24.40000~25.09999 MHz
27.90000~30.00000 MHz
50.00000~54.00000 MHz
Receive 30.00 kHz~33.00000 MHz*
46.20000~61.10000 MHz*
- * Specifications guaranteed 500.00 kHz~30.00000 MHz and 50.00000~54.00000 MHz.
- SSB(A3J), CW(A1), AM(A3), FM(F3)
- Modes : SSB(A3J), CW(A1), AM(A3), FM(F3)
- Number of memory channels : 26
- Antenna impedance : 50 Ω (unbalanced)
- Usable temperature range : -10°C~+60°C (+14°F~+140°F)
- Frequency stability : Less than ± 200 Hz
(up to 1 hour after power is turned on)
Less than ± 30 Hz
(after 1 hour at +25°C; +77°F)
Less than ± 350 Hz
(at 0°C~+50°C; +32°F~+122°F)
- Power supply requirement : 13.8 V DC $\pm 15\%$ (negative ground)
- Current drain (at 13.8 V DC) :

Transmit	Max. output power	20 A
Receive	Squelched	1.3 A
	Max. audio output	1.6 A
- Dimensions : 241(W) \times 94(H) \times 239(D) mm
(projections not included) 9.5(W) \times 3.7(H) \times 9.4(D) in
- Weight : 4.8 kg (10.6 lb)

■ TRANSMITTER

- Output power :

	1.8~28 MHz	50 MHz
SSB, CW, FM	10~100 W	1~10 W
AM	10~40 W	1~4 W

 (continuously adjustable)

- Spurious emissions : 1.8~28 MHz bands
More than 50 dB below peak output power
50 MHz band
More than 60 dB below peak output power
- Carrier suppression : More than 40 dB below peak output power
- Unwanted sideband : More than 50 dB below peak output power
(at 1000 Hz AF input)
- Microphone impedance : 600 Ω
- RECEIVER
- Receive system : SSB, CW, AM Double-conversion superheterodyne
FM Triple-conversion superheterodyne
- Intermediate frequencies : 1st SSB 70.4515 MHz
CW 70.4506 MHz
AM, FM 75.4500 MHz
2nd SSB 9.0115 MHz
CW 9.0106 MHz
AM, FM 9.0100 MHz
3rd FM 455 kHz
- Sensitivity (preamplifier on) : 1.8~30.0 MHz
SSB, CW Less than 0.16 μ V for 10 dB S/N
AM Less than 2.0 μ V for 10 dB S/N
28.0~30.0 MHz
FM Less than 0.5 μ V for 12 dB SINAD
50.0~54.0 MHz
SSB, CW Less than 0.13 μ V for 10 dB S/N
AM Less than 2.0 μ V for 10 dB S/N
FM Less than 0.3 μ V for 12 dB SINAD
- FM squelch sensitivity : Less than 0.3 μ V (preamplifier on)
- Selectivity : SSB, CW More than 2.3 kHz/-6 dB
Less than 4.0 kHz/-60 dB
AM More than 6.0 kHz/-6 dB
Less than 20 kHz/-40 dB
FM More than 15 kHz/-6 dB
Less than 30 kHz/-50 dB
- Spurious response rejection : More than 70 dB (except 1st IF)
- Audio output impedance : 8 Ω
- Audio output power : More than 2.6 W at 10% distortion with an 8 Ω load
- RIT variable range : More than ± 1.2 kHz

All stated specifications are subject to change without notice or obligation.

OPTIONS

- AH-2b** ANTENNA ELEMENT
2.5 m (8.2 ft) stainless steel antenna element plus all the necessary installation hardware for 3.5~28 MHz mobile operation. Used with the AH-3.
- AH-3** HF AUTOMATIC ANTENNA TUNER
Weather resistant. Allows HF operation even in places where a long antenna is difficult to use — in apartments, condos or for mobile operations.
- IC-AT100** 100 W AUTOMATIC ANTENNA TUNER
Automatically matches your IC-726 to an antenna system. Band switching is synchronized with the IC-726.
Input impedance : 16.7~150 Ω
Input power : Max. 100 W
- AT-150** 100 W AUTOMATIC ANTENNA TUNER
Automatically matches the IC-726 to an antenna system. Band switching is synchronized with the IC-726.
Style and size matches the IC-726.
Input impedance : 16.7~150 Ω
Input power : Max. 150 W
- CR-64** HIGH-STABILITY CRYSTAL UNIT
Contains a temperature-compensating oven heater and crystal unit for improved frequency stability.
Frequency stability : ± 100 Hz, ± 0.5 ppm
(-30°C~+60°C; -22°F~+140°F)
- CT-16** SATELLITE INTERFACE UNIT
Easy tuning for instant satellite communications using another Icom transceiver.
- CT-17** CI-V LEVEL CONVERTER
For transceiver and communications receiver remote control using a personal computer equipped with an RS-232C port.
- EX-627** HF AUTOMATIC ANTENNA SELECTOR
Automatically selects 1 to 7 antennas according to band changing conditions from your IC-726.
- FL-100, FL-101** CW NARROW FILTERS
Have good shape factors and provide you with better CW reception on crowded band conditions.
FL-100 : 9.0106 MHz, 500 Hz/-6 dB
FL-101 : 9.0106 MHz, 250 Hz/-6 dB
- GC-5** WORLD CLOCK
Gives you worldwide coverage of every time zone.
- HP-2** COMMUNICATION HEADPHONES
Perfect for clear audio in noisy environments.
- IC-4KL** 1 kW LINEAR AMPLIFIER
An advanced new all solid-state 1 kW HF linear amplifier equipped with a fully automatic antenna tuner.
- IC-MB5** MOBILE MOUNTING BRACKET
Transceiver bracket for mobile operation.
- MB-23** CARRYING HANDLE
Carrying handle for easy portable operation.
- IC-PS30** AC POWER SUPPLY
Equipped with a DC output cable and 3 extra DC output connectors.
Output voltage : 13.8 V DC
Max. current : 25 A
- PS-55** AC POWER SUPPLY
Matching style and size with the IC-726.
Output voltage : 13.8 V DC
Max. current : 20 A
- SM-6** DESKTOP MICROPHONE
Easy-to-use electret condenser-type microphone for base station operation.
- SM-8** DESKTOP MICROPHONE
Up/down switches included. Can be used with 2 transceivers.
- IC-SP3** EXTERNAL SPEAKER
External speaker designed for base station operation.
Input impedance : 8 Ω
Max. input power : 4 W
- SP-7** EXTERNAL SPEAKER
External speaker with matching style and size with the IC-726.
Input impedance : 8 Ω
Max. input power : 5 W
- UT-30** PROGRAMMABLE TONE ENCODER UNIT
Allows you to access a repeater that requires a sub-audible tone.

Icom Inc. 6-9-16, Kamihigashi, Hirano-ku, Osaka 547, Japan Phone: 06 793 5301 Fax: 06 793 0013 Telex: 05277822 ICOMTR J

Count on us!

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Your local agent/dealer:



AMATEUR PRODUCTS

SIMPLY THE BEST



Icom Inc.



icom's commitment to technical excellence has become our trademark in the amateur radio world. And just like you, the serious amateur, we expect and settle for nothing but the best. So it's no wonder the list of Icom innovations is so long. Optical fiber technology, enlarged CRT displays with spectrum scopes, advanced transceivers on the 1200 MHz band, fully automatic HF antenna tuners, Icom's exclusive DDS System and the CI-V System for computer-controlled communications: these and so many other innovations are why Icom remains the worldwide leader in amateur radio.

HF ALL BAND TRANSCEIVERS

- 1 **IC-781**
<SSB, CW, RTTY, AM, FM>
- 2 **IC-765**
<SSB, CW, RTTY, AM, FM>
- 3 **IC-725**
<SSB, CW, AM, FM>
- 4 **IC-726**
HF/50 MHz <SSB, CW, AM, FM>
- 5 **IC-735**
<SSB, CW, AM, FM>
- 6 **IC-751A**
<SSB, CW, RTTY, AM, FM>

ALL MODE TRANSCEIVERS

- 7 **IC-575**
28/50 MHz <SSB, CW, AM, FM>
- IC-275**
144 MHz <SSB, CW, FM>
- 8 **IC-475**
430 MHz <SSB, CW, FM>
- IC-1275**
1200 MHz <SSB, CW, FM, ATV>

MULTI-BAND MOBILE TRANSCEIVERS

- 9 **IC-901**
28/50/144/220/430 (440)/1200 MHz <FM>, 144 MHz <SSB, CW>
- 10 **IC-900**
28/50/144/220/430 (440)/1200 MHz <FM>
- 11 **IC-2400**
144/430 (440) MHz <FM>
- 12 **IC-3210**
144/430 (440) MHz <FM>
- IC-2500**
430 (440)/1200 MHz <FM>

FM MOBILE TRANSCEIVERS

- 13 **IC-228**
144 MHz
- IC-28**
144 MHz
- 14 **IC-448**
430 (440) MHz
- IC-1201**
1200 MHz

WORLD AT YOUR FINGERTIPS.



DUAL BAND FM HANDHELD TRANSCEIVERS

- 15 IC-24**
144/430 (440) MHz
- 16 IC-32**
144/430 (440) MHz

FM HANDHELD TRANSCEIVERS

- 17 IC-2S**
144 MHz
- IC-2ST**
144 MHz
- 18 IC-2G**
144 MHz
- IC-02**
144 MHz
- IC-2**
144 MHz
- 19 IC-4S**
430 (440) MHz
- IC-4ST**
430 (440) MHz
- 20 IC-4G**
430 (440) MHz
- IC-04**
430 (440) MHz
- IC-12G**
1200 MHz

220 MHz TRANSCEIVERS

- 21 IC-375A**
ALL MODE <SSB, CW, FM>
- IC-38A**
MOBILE <FM>
- 22 IC-3SAT**
HANDHELD <FM>
- IC-03AT**
HANDHELD <FM>

REPEATERS

- 23 IC-RP1510**
144 MHz
- IC-RP2210**
220 MHz
- 24 IC-RP4020**
430 (440) MHz
- IC-RP1220**
1200 MHz

COMMUNICATIONS RECEIVERS

- 25 IC-R9000**
HF, VHF, UHF <SSB, CW, RTTY, AM, FM, WIDE FM>
- 26 IC-R71**
HF <SSB, CW, AM, FM>
- IC-R7000**
HF, VHF, UHF <SSB, CW, RTTY, AM, FM, WIDE FM>

LINEAR AMPLIFIER

- 27 IC-4KL**
1 kW HF LINEAR AMPLIFIER

The Icom name has become synonymous with innovation, dependability and high quality craftsmanship the world over. And it's a name we continually live up to by manufacturing newer and better products for serious amateurs everywhere.

Icom's global reach means that an extensive international network of customer service centers is now established and ready to assist you anywhere, anytime. Icom reliability, so count on us!

OPTIONS BEGIN ON PAGE 28

All listed specifications are subject to change without notice or obligation. All dimensions do not include projections. Ask your Icom Dealer for more information for each product.

ICOM

IC-781



FEATURES

DESCRIPTION

- 5-inch CRT DISPLAY
- DUAL WATCH
- SPECTRUM SCOPE
- TWIN PASSBAND TUNING
- BUILT-IN FULLY AUTOMATIC ANTENNA TUNER
- 105 dB DYNAMIC RANGE
- DDS SYSTEM
- 99 MEMORY CHANNELS
- 150 W OUTPUT POWER
- BAND STACKING REGISTERS
- CW FULL AND SEMI BREAK-IN
- FULL DUTY CYCLE RATED
- BUILT-IN ELECTRONIC KEYS
- VARIABLE AUDIO PEAK FILTER
- ADJUSTABLE NOTCH FILTER
- INDEPENDENT RIT/ Δ TX FOR VFO A AND VFO B FREQUENCIES
- BUILT-IN CLOCK AND TIMERS
- PROGRAMMED, Δ F, FINE, MEMORY AND SELECTED MODE MEMORY CHANNEL SCAN FUNCTIONS
- ADJUSTABLE AGC
- WIDE/NARROW SSB AND CW FILTERS
- 10, 20, AND 30 dB ATTENUATORS
- BUILT-IN 10 dB PREAMPLIFIER
- GENERAL COVERAGE RECEIVER
- BUILT-IN POWER SUPPLY
- OPTIONAL VOICE SYNTHESIZER UNIT
- VIDEO OUTPUT AND ASCII DATA INPUT FOR CRT DISPLAY

Icom's communications masterpiece.

Once in awhile a product merits the term "masterpiece." This is one such time and one such product. Nothing can quite compare with owning an IC-781, the world's most advanced HF transceiver.

The IC-781 includes many futuristic features not found elsewhere: a large screen multi-function CRT display, spectrum scope, dual watch, band stacking registers, wide and narrow SSB filters, 99 memory channels with 10-character note capability, clock with timer functions, excellent frequency stability and numerous other features.

CW operators will love its semi and full break-in capability, built-in iambic keyer and CW narrow filter.

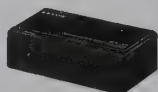
Small wonder the IC-781 is being recognized everywhere as a communications masterpiece.

SPECIFICATIONS

• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.10000 ~ 30.00000 MHz • **Tuning step increment:** 10 Hz, 50 Hz or 1 kHz • **Power supply requirement:** 100 ~ 120 V AC or 200 ~ 240 V AC • **Max. power consumption:** 760 VA • **Dimensions:** 425(W) × 149(H) × 411(D) mm; 16.7(W) × 5.9(H) × 16.2(D) in • **Output power:** 15 ~ 150 W (SSB, CW, RTTY, FM), 8 ~ 75 W (AM) • **Modes:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) • **Sensitivity (preamp ON):** SSB, CW, RTTY (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 0.5 μ V, 0.5 ~ 1.8 MHz/less than 1.0 μ V, 1.8 ~ 30 MHz 0.16 μ V. AM (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 3.2 μ V, 0.5 ~ 1.8 MHz/less than 6.3 μ V, 1.8 ~ 30 MHz/less than 1.0 μ V. FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.32 μ V • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load



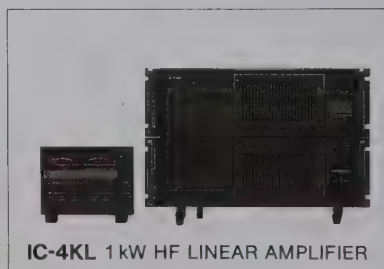
SP-20
EXTERNAL SPEAKER
WITH AUDIO FILTERS



CT-17
CI-V LEVEL
CONVERTER



SM-8
DESKTOP MICROPHONE



IC-4KL 1 kW HF LINEAR AMPLIFIER

IC-765



FEATURES

- 105 dB DYNAMIC RANGE
- FULLY AUTOMATIC ANTENNA TUNER
- TUNING DATA MEMORY CAPABILITY
- DDS SYSTEM
- BAND STACKING REGISTERS
- BUILT-IN CW NARROW FILTER
- CW PITCH CONTROL FUNCTION
- IF SHIFT FUNCTION
- ADJUSTABLE NOTCH FILTER
- DIRECT KEYBOARD FREQUENCY ENTRY
- RF-TYPE SPEECH COMPRESSOR
- ADJUSTABLE NOISE BLANKER
- 10, 20, 30 dB SELECTABLE ATTENUATORS AND PREAMPLIFIER
- RIT/Δ TX CONTROLS
- BUILT-IN POWER SUPPLY
- FULL DUTY CYCLE RATED
- 99 MEMORY CHANNELS
- VERSATILE SCAN FUNCTIONS
- OPTIONAL VOICE SYNTHESIZER UNIT
- CI-V SYSTEM FOR COMPUTER CONTROL

DESCRIPTION

Widen your HF world.

Now DX enthusiasts have a lot to be excited about. The IC-765 is an advanced HF transceiver designed specifically for DX domination. The transceiver includes Icom's DDS (Direct Digital Synthesizer) System as well as a high-speed fully automatic antenna tuner with tuning data memory.

A built-in IF shift, notch filter and CW narrow filter ensure that noise and interference are reduced or eliminated. Band stacking registers store the last-used frequency and mode, etc., for each band.

And the IC-765 has many other useful functions for CW operators such as an electronic keyer with iambic key operation capability and a full break-in function.

Also, Icom's DFM (Direct Feed Mixer) method receiver ensures 105 dB dynamic range and a +23 dB high intercept point.

SPECIFICATIONS

• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.10000 ~ 30.00000 MHz • **Tuning step increment:** 10 Hz, 50 Hz or 1 kHz • **Power supply requirement:** 100 ~ 120 V AC or 220 ~ 240 V AC • **Max. power consumption:** 650 VA • **Dimensions:** 424(W) × 150(H) × 390(D) mm; 16.7(W) × 5.9(H) × 15.4(D) in • **Output power:** 10 ~ 100 W (SSB, CW, RTTY, FM), 10 ~ 40 W (AM) • **Mode:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) • **Sensitivity (preamp ON):** SSB, CW, RTTY (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 0.7 μV, 0.5 ~ 1.8 MHz/less than 1.0 μV, 1.8 ~ 30 MHz/less than 0.15 μV. AM (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 4.4 μV, 0.5 ~ 1.8 MHz/less than 6.3 μV, 1.8 ~ 30 MHz/less than 1.0 μV. FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.3 μV • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load

IC-2KL
500 W HF LINEAR
AMPLIFIER



IC-AT500
500 W AUTOMATIC
ANTENNA TUNER



EX-627
HF AUTOMATIC
ANTENNA SELECTOR

UT-36
VOICE SYNTHESIZER
UNIT



GC-5 WORLD
CLOCK



IC-725



FEATURES

DESCRIPTION

- ULTRA-COMPACT AND LIGHTWEIGHT
- EASY TO OPERATE
- 105 dB DYNAMIC RANGE
- DDS SYSTEM
- DUAL VFOs WITH SPLIT CAPABILITY
- + Δf FUNCTION FOR ADDING OR SUBTRACTING RIT FREQUENCY
- 26 MEMORY CHANNELS
- BAND STACKING REGISTERS
- GENERAL COVERAGE RECEIVER: 30 kHz ~ 33 MHz*
- CW SEMI BREAK-IN
- VERSATILE SCAN FUNCTIONS
- ALL MODE SQUELCH
- PREAMPLIFIER AND ATTENUATOR
- NOISE BLANKER
- OPTIONAL HF AUTOMATIC ANTENNA TUNER
- 10 Hz FREQUENCY READOUT
- OPTIONAL CW NARROW FILTER
- CI-V SYSTEM FOR COMPUTER CONTROL

* Specifications guaranteed 500 kHz ~ 30 MHz.

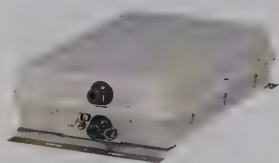
Compact power performances.

It's amazing how Icom has put so much technology into an HF transceiver so compact and easy to use. Size is just one reason for the IC-725's enormous popularity in the amateur radio field. Features and performance are the others. The IC-725 is ideal for base station, mobile or portable operation. Built-in are Icom's DDS (Direct Digital Synthesizer) System, band stacking registers, a 105 dB dynamic range, and other features.

The IC-725 and an optional AH-3 HF AUTOMATIC ANTENNA TUNER combination allow you to operate in places where a long antenna element is difficult to use — in cars, apartments, condos or in the field.

SPECIFICATIONS

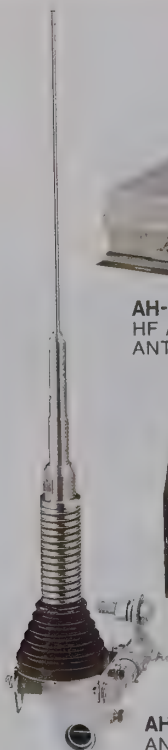
• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.03000 ~ 33.00000 MHz (Specifications guaranteed 0.50000 ~ 30.00000 MHz.) • **Tuning step increment:** 10 Hz, 20 Hz, 50 Hz, 1 kHz or 1 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** 20 A • **Dimensions:** 241(W) \times 94(H) \times 239(D) mm; 9.5(W) \times 3.7(H) \times 9.4(D) in • **Output power:** 10 ~ 100 W (SSB, CW, FM), 10 ~ 40 W (AM) • **Mode:** SSB (A3J), CW (A1), AM (A3), FM (F3) (An optional UI-7 AM-FM UNIT is required for AM and FM transmitting and FM receiving.) • **Sensitivity (preamp ON):** SSB, CW (for 10 dB S/N): 1.8 ~ 30 MHz/less than 0.15 μ V. AM (for 10 dB S/N): 1.8 ~ 30.0 MHz/less than 2.0 μ V. FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.5 μ V • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load



AH-3
HF AUTOMATIC
ANTENNA TUNER



AT-150
HF AUTOMATIC
ANTENNA TUNER



AH-2b
ANTENNA ELEMENT

MB-23
CARRYING
HANDLE



CR-64
HIGH-STABILITY
CRYSTAL UNIT

UI-7
AM-FM UNIT

IC-726



FEATURES

DESCRIPTION

- 1.8 ~ 50 MHz BAND OPERATION
- WIDE COVERAGE RECEIVER: 30 kHz ~ 33 MHz AND 46.2 ~ 61.1 MHz*
- WIDE DYNAMIC RANGE
- ULTRA-COMPACT AND LIGHTWEIGHT
- EASY TO OPERATE
- HIGH-SENSITIVITY RECEIVER
- DDS SYSTEM
- DUAL VFOs WITH SPLIT CAPABILITY
- BAND STACKING REGISTERS
- + Δ f FUNCTION FOR ADDING OR SUBTRACTING RIT FREQUENCY
- ALL MODE OPERATION
- 26 MEMORY CHANNELS
- PROGRAMMED, MEMORY AND SELECTED MODE MEMORY SCAN FUNCTIONS
- PREAMPLIFIER AND ATTENUATOR
- CW SEMI BREAK-IN
- OPTIONAL CW NARROW FILTER
- ALL MODE SQUELCH
- 10 Hz FREQUENCY READOUT
- OPTIONAL HF AUTOMATIC ANTENNA TUNER
- CI-V SYSTEM FOR COMPUTER CONTROL

* Specifications guaranteed 500 kHz ~ 30 MHz and 50 ~ 54 MHz.

Hot action on the HF and 50 MHz bands.

The HF and 50 MHz bands are alive as never before now that sunspot Cycle 22 is in peak condition. Get in on all the hot action now with an IC-726, Icom's powerful performer from the 1.8 to 50 MHz bands. This compact, easy-to-use transceiver includes all mode capability, general coverage reception on HF bands, Icom's DDS (Direct Digital Synthesizer) System, dual VFOs, band stacking registers, etc. An optional AH-3 HF AUTOMATIC ANTENNA TUNER will allow you to operate the IC-726 in a variety of convenient locations — in your car, home or in the field. Cycle 23 begins in the next century, so act now to enjoy worldwide communications with the IC-726.

SPECIFICATIONS

• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12, 10 and 6 meter amateur bands, Receive/0.03000 ~ 33.00000 MHz, 46.20000 ~ 61.10000 MHz (Specifications guaranteed 0.50000 ~ 30.00000 MHz, 50.00000 ~ 54.00000 MHz.) • **Tuning step increment:** 10 Hz, 20 Hz, 50 Hz, 1 kHz or 1 MHz • **Power supply requirement:** 13.8 V DC ±15% • **Max. current drain:** 20 A • **Dimensions:** 241(W) × 94(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Output power:** (1.8 ~ 28 MHz bands) 10 ~ 100 W (SSB, CW, FM), 10 ~ 40 W (AM), (50 MHz band) 1 ~ 10 W (SSB, CW, FM) 1 ~ 4 W (AM) • **Mode:** SSB (A3J), CW (A1), AM (A3), FM (F3) • **Sensitivity (preamp ON):** SSB, CW (for 10 dB S/N): 1.8 ~ 30 MHz/less than 0.15 μV, 50.0 ~ 54.0 MHz/less than 0.13 μV, AM (for 10 dB S/N): 1.8 ~ 30 MHz and 50.0 ~ 54.0 MHz/less than 2.0 μV, FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.5 μV, 50.0 ~ 54.0 MHz/less than 0.3 μV • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load

PS-55
AC POWER SUPPLY**SP-7**
EXTERNAL
SPEAKER**HP-2**
COMMUNICATION
HEADPHONES**SM-6**
DESKTOP MICROPHONE**IC-MB5**
MOBILE
MOUNTING
BRACKET

IC-735



FEATURES

DESCRIPTION

- COMPACT AND LIGHTWEIGHT
- 105 dB DYNAMIC RANGE
- NOISE BLANKER
- 12 MEMORY CHANNELS
- CW SEMI AND FULL BREAK-IN
- VOX FUNCTION
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- ATTENUATOR AND PREAMPLIFIER
- PASSBAND TUNING
- ADJUSTABLE NOTCH FILTER
- GENERAL COVERAGE RECEIVER
- 100 W OUTPUT POWER
- LARGE FUNCTION DISPLAY
- RIT FUNCTION
- HM-12 MICROPHONE INCLUDED
- OPTIONAL CW NARROW FILTER
- OPTIONAL ELECTRONIC KEYS
- OPTIONAL AUTOMATIC HF ANTENNA TUNER
- CI-V SYSTEM FOR COMPUTER CONTROL

Proven HF winner.

The IC-735 has built a formidable reputation in the HF world through its superbly engineered features and consistently strong power performances. So it's no exaggeration to call the IC-735 today's most versatile and popular transceiver on the market.

This transceiver is ideal for base station, mobile, or portable operation and includes passband tuning, a speech compressor, a 105 dB dynamic range, adjustable noise blanker, notch filter, and 100 W output with 100% duty cycle.

The IC-735's unique front panel design includes a hatch cover to protect less frequently used controls.

SPECIFICATIONS

• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.1000 ~ 30.0000 MHz • **Tuning step increment:** 10 Hz, 1 kHz or 1 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** 20 A • **Dimensions:** 241(W) \times 94(H) \times 239(D) mm; 9.5(W) \times 3.7(H) \times 9.4(D) in • **Output power:** 10 ~ 100 W (SSB, CW, FM), 10 ~ 40 W (AM) • **Modes:** SSB (A3J), CW (A1), FM (F3), AM (A3) • **Sensitivity (preamp ON):** SSB, CW (for 10 dB S/N): 0.1 ~ 1.6 MHz/less than 1.0 μ V, 1.6 ~ 30 MHz/less than 0.15 μ V, AM (for 10 dB S/N): 0.1 ~ 1.6 MHz/less than 6.0 μ V, 1.6 ~ 30 MHz/less than 1.0 μ V. FM (for 12 dB SINAD): 1.6 ~ 30.0 MHz/less than 0.5 μ V • **Audio output power:** More than 3 W at 10% distortion with an 8 Ω load



AH-2a
HF AUTOMATIC
ANTENNA TUNER

AH-2b
ANTENNA
ELEMENT

AT-150
HF AUTOMATIC
ANTENNA
TUNER

SP-7
EXTERNAL SPEAKER

IC-751A



FEATURES

- 105 dB DYNAMIC RANGE
- BUILT-IN ELECTRONIC KEYS
- CW FULL AND SEMI BREAK-IN
- 500 Hz/-6 dB CW NARROW FILTER INCLUDED
- IF SHIFT FUNCTION
- BUILT-IN ATTENUATOR
- PREAMPLIFIER
- ADJUSTABLE NOISE BLANKER
- RIT AND Δ TX FUNCTIONS
- 32 MEMORY CHANNELS
- 100% DUTY CYCLE RATED
- OPTIONAL CI-V SYSTEM FOR COMPUTER CONTROL
- OPTIONAL DIRECT FREQUENCY ENTRY CAPABILITY

DESCRIPTION

New friends are everywhere.

New friends don't have to be just around the block anymore like in the old days. Now you can meet them almost anywhere in the world with Icom's IC-751A, an advanced HF transceiver.

The all mode IC-751A includes a 105 dB dynamic range, 32 tunable memory channels and 100 W output with 100% duty cycle. CW operators will love its built-in 500 Hz/-6 dB CW narrow filter, electronic keyer, and full and semi break-in capability.

DX'ers too will delight in the IC-751A. The transceiver includes a notch filter that drastically reduces QRM. An adjustable noise blanker removes troublesome "woodpecker" noise effectively. In addition, an optional high stability crystal unit is available for improved frequency stability.

SPECIFICATIONS

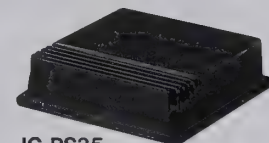
• **Frequency coverage:** Transmit/160, 80, 40, 30, 20, 17, 15, 12 and 10 meter amateur bands, Receive/0.1000 ~ 30.0000 MHz • **Tuning step increment:** 10 Hz, 50 Hz or 1 kHz • **Power supply requirement:** 13.8 V \pm 15% • **Max. current drain:** 20 A • **Dimensions:** 306(W) \times 115(H) \times 355(D) mm; 12.0(W) \times 4.5(H) \times 14.0(D) in • **Output power:** 10 ~ 100 W (SSB, CW, RTTY, FM), 10 ~ 40 W (AM) • **Modes:** SSB (A3J), CW (A1), RTTY (F1), AM (A3), FM (F3) • **Sensitivity (preamp ON):** SSB, CW, RTTY (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 0.5 μ V, 0.5 ~ 1.6 MHz/less than 1.0 μ V, 1.6 ~ 30 MHz/less than 0.15 μ V. AM (for 10 dB S/N): 0.1 ~ 0.5 MHz/less than 3.0 μ V, 0.5 ~ 1.6 MHz/less than 6.0 μ V, 1.6 ~ 30 MHz 1.0 μ V, FM (for 12 dB SINAD): 28.0 ~ 30.0 MHz/less than 0.3 μ V • **Audio output power:** More than 2.6 W at 10% distortion with an 8 Ω load

IC-AT500
500 W AUTOMATIC
ANTENNA TUNER

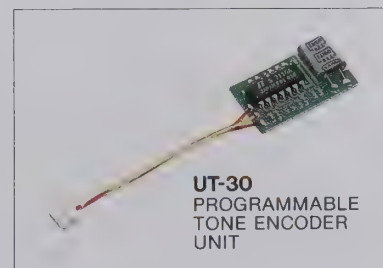


IC-SP3
EXTERNAL
SPEAKER

IC-PS15
AC POWER SUPPLY



IC-PS35
INTERNAL POWER SUPPLY



UT-30
PROGRAMMABLE
TONE ENCODER
UNIT

IC-575

IC-275



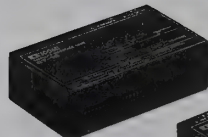
PS-55
AC POWER SUPPLY



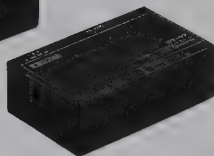
SM-8
DESKTOP
MICROPHONE



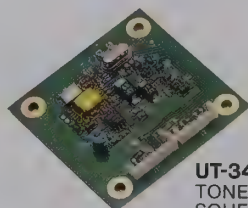
CT-17
CI-V LEVEL
CONVERTER



CT-16
SATELLITE
INTERFACE
UNIT



UT-34
TONE
SQUELCH
UNIT



IC-575A (10 W version)
IC-575H (100 W version)

IC-275A (25 W U.S.A. version)
IC-275E (25 W Europe version)
IC-275H (100 W version)

Your place in the sun.

Icom's highly advanced IC-575A/H will put you right where you want to be — at the heart of all the sunspot action during Cycle 22. The IC-575A/H is simply the finest 28 and 50 MHz band transceiver made. You'll be amazed by how it performs. All the latest in Icom's innovative technology has gone into the IC-575A/H including 100 W output power (IC-575H), a noise blanker, IF notch filter plus CW full and semi break-in capability for 28 and 50 MHz DX'ing.

FEATURES

- 100 W OUTPUT POWER (IC-575H)
- DDS SYSTEM
- 99 MEMORY CHANNELS
- SSB, AM, CW AND FM MODES
- WIDE RECEIVER RANGE: 26 ~ 56 MHz
- NOISE BLANKER
- IF NOTCH FILTER
- CW FULL AND SEMI BREAK-IN
- BUILT-IN SPEECH COMPRESSOR
- VERSATILE SCAN FUNCTIONS
- BUILT-IN POWER SUPPLY (IC-575A)
- BUILT-IN PREAMPLIFIER

SPECIFICATIONS

• **Frequency coverage:** Transmit/28.0000 ~ 29.7000 MHz. 50.0000 ~ 54.0000 MHz Receive/26.0000 ~ 56.0000 MHz • **Max. current drain (at 13.8 V DC):** IC-575A: 5.2 A, IC-575H: 20 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** IC-575A: 10 W (SSB, CW, FM), 4 W (AM). IC-575H: 100 W (SSB, CW, FM), 25 W (AM) • **Modes:** SSB (A3J), CW (A1), AM (A3), FM (F3) • **Sensitivity:** SSB, CW: less than 0.13 μ V for 10 dB S/N. FM: less than 0.25 μ V for 12 dB SINAD. AM: less than 1.0 μ V for 10 dB S/N

144 MHz glamour.

The IC-275A/E/H is a glamorous new compact 144 MHz all mode transceiver equipped with the features in demand by today's serious operator. The transceiver includes a highly sensitive receiver and full 100 W output power (IC-275H). The advanced IC-275A/E/H is also equipped with Icom's exclusive DDS (Direct Digital Synthesizer) System, 99 memory channels, multiple scan functions, notch filter and all the other most-wanted features for 144 MHz all mode operation today.

FEATURES

- 100 W OUTPUT POWER (IC-275H)
- DDS SYSTEM
- 99 MEMORY CHANNELS
- USB, LSB, CW AND FM MODES
- BUILT-IN POWER SUPPLY (IC-275A/E)
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- VERSATILE SCAN FUNCTIONS
- ALL MODE SQUELCH
- SUITABLE FOR PACKET RADIO
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.1000 ~ 150.0000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.0000 ~ 148.0000 MHz.), (Europe version) 144.0000 ~ 146.0000 MHz • **Max. current drain (at 13.8 V DC):** IC-275A/E: 6 A, IC-275H: 20 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** IC-275A/E: 25 W, IC-275H: 100 W • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW: less than 0.10 μ V for 10 dB S/N. FM: less than 0.18 μ V for 12 dB SINAD

IC-475 IC-1275



IC-475A (25 W U.S.A. version)
IC-475E (25 W Europe version)
IC-475H (75 W version)

IC-1275A (U.S.A. version)
IC-1275E (Europe version)

Fantastic transceiver.

Icom's fantastic IC-475A/E/H brings advanced operations to the discriminating 430 MHz DX'er and satellite communication operator. The transceiver has a full 75 W of output power (IC-475H) and a highly sensitive receiver, yet is so compact. The IC-475A/E/H is equipped with advanced features such as Icom's DDS (Direct Digital Synthesizer) System, 99 memory channels, a variety of scan functions and a built-in notch filter and speech compressor for effective DX'ing.

FEATURES

- DDS SYSTEM
- 99 MEMORY CHANNELS
- USB, LSB, CW AND FM MODES
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- VERSATILE SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- OPTIONAL WEATHERPROOF PREAMPLIFIER
- ALL MODE SQUELCH
- SUITABLE FOR PACKET RADIO
- OPTIONAL VOICE SYNTHESIZER UNIT
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 430.0000 ~ 450.0000 MHz, (Europe version) 430.0000 ~ 440.0000 MHz • **Max. current drain (at 13.8 V DC):** IC-475A/E: 7.5 A, IC-475H: 20 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** IC-475A/E: 25 W, IC-475H: 75 W • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW: less than 0.10 μV for 10 dB S/N. FM: less than 0.18 μV for 12 dB SINAD

New age of 1200 MHz.

The new age of 1200 MHz has arrived and leading the way is the sophisticated IC-1275A/E, a remarkable new compact 1200 MHz all mode transceiver with all the most-asked-for features. This transceiver offers a stable 10 W of output power, high sensitivity, 99 memory channels and super-fast scan speeds. The IC-1275A/E also includes Icom's DDS (Direct Digital Synthesizer) System and optional ATV capability. A superb transceiver for serious 1200 MHz explorers.

FEATURES

- ALL-MODE CAPABILITY
- OPTIONAL ATV (AMATEUR TELEVISION) CAPABILITY
- DDS SYSTEM
- GREAT FOR SATELLITE OPERATION
- STABLE 10 W OUTPUT POWER
- 99 MEMORY CHANNELS
- SUITABLE FOR PACKET RADIO OPERATION
- NOISE BLANKER
- OPTIONAL HIGH-STABILITY CRYSTAL UNIT
- VERSATILE SCAN FUNCTIONS
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** 1240.0000 ~ 1300.0000 MHz • **Max. current drain:** 6 A (at 13.8 V DC) • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** 10 W • **Mode:** SSB (A3J), CW (A1), FM (F3), ATV (A5 or A9 with an optional TV-1275 ATV ADAPTER.) • **Sensitivity:** SSB, CW: less than 0.11 μV for 10 dB S/N. FM: less than 0.18 μV for 12 dB SINAD

IC-PS30
AC POWER SUPPLY



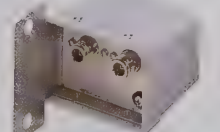
TV-1275
ATV ADAPTER



HP-2
COMMUNICATION
HEADPHONES



SP-7
EXTERNAL
SPEAKER



AG-35
WEATHERPROOF
430 MHz
PREAMPLIFIER



UT-36
VOICE
SYNTHESIZER
UNIT

IC-901



UX-S92A/E
144 MHz SSB
BAND UNIT

UX-R91A/E
RECEIVER UNIT

OPC-189
OPTICAL
FIBER
CABLE

EX-766
INTERFACE
UNITS

EX-767
POWER CABLE
CONNECTOR BOX

FEATURES

- UP TO 6-BAND CAPABILITY: 28, 50, 144, 220, 430 (440) AND 1200 MHz
- OPTIONAL RECEIVER UNIT FOR WIDEBAND RECEIVING
- OPTIONAL SSB AND CW OPERATION CAPABILITY ON THE 144 MHz BAND
- SIMULTANEOUS DUAL BAND RECEPTION
- ULTRA-LIGHTWEIGHT AND COMPACT REMOTE CONTROLLER
- MULTIPLE INSTALLATION CONFIGURATIONS
- SEPARATE INSTALLATION WITH OPTIONAL OPTICAL FIBER CABLE
- FULL DUPLEX CROSSBAND OPERATION
- 12 MEMORY CHANNELS AND 1 PROGRAMMABLE CALL CHANNEL FOR EACH BAND
- MULTI-SCAN FUNCTIONS
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

IC-901A (U.S.A. version 144/440 MHz)
IC-901E (Europe version 144/430 MHz)

Advanced features and system upgrading.

The IC-901A/E is a sophisticated dual band FM mobile transceiver built with the latest in Icom high-tech knowledge. The transceiver is perfect for customized installation in 4 different configurations and includes a detachable remote controller to suit your personal operating needs. Install the main body of the transceiver in any convenient, out-of-the-way place while keeping the remote controller in a handy location near you.

The IC-901A/E also offers band stacking versatility with up to 5 separate optional band units for 28, 50, 220 and 1200 MHz FM operation and 144 MHz SSB, CW operation. By connecting optional interface units and an optical fiber cable, you can use your vehicle space effectively as all band units can be installed in your vehicle trunk. The IC-901A/E can also operate as a wideband receiver for MF, VHF and UHF bands using the optional receiver unit.

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.000 ~ 150.000 MHz, Receive/136.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), 440.000 ~ 450.000 MHz, (Europe version) 144.000 ~ 146.000 MHz, 430.000 ~ 440.000 MHz, UX-S92A/E*: (U.S.A. version) 144.000 ~ 148.000 MHz, (Europe version) 144.000 ~ 146.000 MHz, UX-19A/E*: 28.000 ~ 29.700 MHz, UX-59A*: 50.000 ~ 54.000 MHz, UX-39A*: Transmit/220.000 ~ 225.000 MHz, Receive/216.000 ~ 236.000 MHz (Specifications guaranteed 220.000 ~ 225.000 MHz.), UX-129A/E*: 1240.000 ~ 1300.00 MHz, UX-R91A/E*: 520 ~ 1630 kHz (AM), 76.000 ~ 108.000 MHz (wide FM), 108.000 ~ 137.000 MHz (AM), 137.000 ~ 200.000 MHz, 200.000 ~ 236.000 MHz, 300.000 ~ 500.000 MHz, 800.000 ~ 950.000 MHz (FM). • **Power supply requirement:** 13.8 V DC \pm 15% • **Max. current drain:** (144 MHz band) High/12 A, Low/5 A, (430 or 440 MHz band) High/11 A Low/5 A • **Dimensions:** 150(W) \times 50(H) \times 191(D) mm; 5.9(W) \times 2.0(H) \times 7.5(D) in • **Output power:** (144 MHz band) High/50 W Low/5 W, (430 or 440 MHz band) High/35 W, Low/5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

*The UX-19A/E ~ UX-129A/E, UX-S92A/E and UX-R91A/E are optional units.

UT-40
TONE
SQUELCH
UNIT

UT-48
DTMF
ENCODER/DECODER
UNIT

IC-900



FEATURES

IC-900A (U.S.A. version)
IC-900E (Europe version)

- A TOTAL MODULAR SYSTEM WITH UP TO 6-BAND EXPANSION POTENTIAL
- OPTICAL FIBER TECHNOLOGY FOR TRANSCIVER CONTROL
- ULTRA-COMPACT REMOTE CONTROLLER
- LIGHT, COMPACT AND EASILY INSTALLED
- FULL DUPLEX CROSSBAND OPERATION CAPABILITY
- DUAL BAND FUNCTION DISPLAY
- 10 MEMORY CHANNELS AND 1 CALL CHANNEL FOR EACH BAND
- A VARIETY OF FUNCTIONS
- A VARIETY OF TUNING STEPS
- MONITOR FUNCTION FOR CHECKING REPEATER INPUT FREQUENCY
- ILLUMINATED SWITCHES AND CONTROLS FOR NIGHT OPERATION
- SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- EXTERNAL SPEAKER INCLUDED
- OPTIONAL TONE AND DIGITAL CODE SQUELCH FUNCTIONS

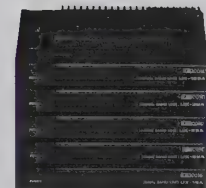
Customized communications.

Create and upgrade your own communications environment with the super multi-bander IC-900A/E, a state-of-the-art mobile transceiver that uses separate, independent band units to shape a "personalized" communications world for you.

Why is the IC-900A/E so different from conventional mobile transceivers? Because of these important innovations: a compact remote controller that can be mounted or stored anywhere in your vehicle; an interface unit that can be conveniently located out of the way under the driver's seat; another interface unit that can be hidden in the trunk; and up to a total of 6 optional band units for system upgrading (28, 50, 144, 220, 430 (440) and 1200 MHz) which can be purchased separately and installed in the trunk. Why not go mobile in style?

SPECIFICATIONS

• **Frequency coverage:** UX-19A/E 28.000 ~ 29.700 MHz, UX-59A 50.000 ~ 54.000 MHz, UX-29A/E/H (U.S.A. version) Transmit/140.100 ~ 150.000 MHz Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz, UX-39A Transmit/220.000 ~ 225.000 MHz, Receive/216.000 ~ 236.000 MHz (Specifications guaranteed 220.000 ~ 225.000 MHz.), UX-49A/E (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz, UX-129A/E 1240.000 ~ 1300.000 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Current drain:** Depends on each band unit • **Dimensions:** Remote controller/150(W) \times 50(H) \times 25(D) mm; 5.9(W) \times 2.0(H) \times 1.0(D) in, Interface unit A/177(W) \times 25(H) \times 177(D) mm; 7.0(W) \times 1.0(H) \times 7.0(D) in, Interface unit B/177(W) \times 25(H) \times 193(D) mm; 7.0(W) \times 1.0(H) \times 7.6(D) in • **Sensitivity:** UX-19A/E, UX-59A, UX-29A/E/H, UX-39A, UX-49A/E: 0.18 μ V for 12 dB SINAD. UX-129A/E: 0.22 μ V for 12 dB SINAD



UX-129A
UX-49A
UX-39A
UX-59A
UX-19A
BAND
UNITS



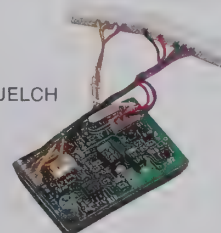
CF-11
COOLING
FAN UNIT

MB-21
REMOTE
CONTROLLER
BRACKET



SP-8
EXTERNAL
SPEAKER

UT-29
TONE SQUELCH
UNIT



IC-2400



FEATURES

IC-2400A (U.S.A. version 144/440 MHz)
IC-2400E (Europe version 144/430 MHz)

When two is better than one.

On the road two can be better than one. That's why Icom built the IC-2400A/E, an advanced new VHF/UHF dual band FM transceiver that will let you enjoy simultaneous dual band watch and operation of both the 144 and 430 (440) MHz bands. Two transceivers in one!

To make every journey more enjoyable, the transceiver is equipped with many convenient features such as full duplex capability for telephone-style crossband operation, sub band mute and sub band beep functions, dual band readout with independent control, scan functions, a priority watch, a programmable call channel for each band, and built-in subaudible tone encoder, and a total of 40 memory channels.

What better way to go than this?

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.000 ~ 150.000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), 440.000 ~ 450.000 MHz, (Europe version) 144.000 ~ 146.000 MHz, 430.000 ~ 440.000 MHz • **Tuning step increment:** (U.S.A. version) 5, 10, 15, 20 or 25 kHz (Europe version) 12.5 or 25 kHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** (144 MHz band) 10.5 A, (430 or 440 MHz band) 10.5 A • **Dimensions:** 150(W) \times 50(H) \times 195(D) mm; 5.9(W) \times 2.0(H) \times 7.7(D) in • **Output power:** (144 MHz band) High/45 W Low/5 W (430 or 440 MHz band) High/35 W, Low/5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD • **Audio output power:** More than 2.4 W at 10% distortion with an 8 Ω load

HS-15
FLEXIBLE MOBILE
MICROPHONE



HS-15SB
SWITCHBOX



SP-8
EXTERNAL
SPEAKER



SM-8
DESKTOP
MICROPHONE



HM-14
DTMF
MICROPHONE

- 45 W OUTPUT POWER ON THE 144 MHz BAND
- 35 W OUTPUT POWER ON THE 430 (440) MHz BAND
- FULL DUPLEX OPERATION
- SIMULTANEOUS DUAL BAND RECEPTION
- COMPACT, LIGHTWEIGHT
- 40 MEMORY CHANNELS
- 2 PROGRAMMABLE CALL CHANNELS
- CONVENIENT PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PRIORITY WATCH
- DUAL BAND FUNCTION DISPLAY WITH ADJUSTABLE BACKLIGHTING
- PROGRAMMABLE OFFSET FREQUENCY
- LOCK FUNCTION TO PREVENT ACCIDENTAL FREQUENCY CHANGES
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

IC-3210 IC-2500



IC-3210A (U.S.A. version 144/440 MHz)
IC-3210E (Europe version 144/430 MHz)

IC-2500A (U.S.A. version 440/1200 MHz)
IC-2500E (Europe version 430/1200 MHz)

Icom's dual band mobile advantage.

The IC-3210A/E is a dual band FM mobile with everything, including full duplex capability for true telephone-style crossband operation. The transceiver is designed for operator convenience: all required functions are activated with few switches and controls. A total of 20 double-spaced memory channels store full duplex conditions and subaudible tone frequencies.*

An optional pocket beep function alerts you when selected calls are received.

*U.S.A. version only

FEATURES

- FULL DUPLEX CROSSBAND OPERATION
- TOTAL OF 20 DOUBLE-SPACED MEMORY CHANNELS
- 2 PROGRAMMABLE CALL CHANNELS
- BUILT-IN DUPLEXER
- PROGRAMMED, MEMORY AND SELECTED BAND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH FUNCTIONS
- VARIABLE FUNCTION DISPLAY INTENSITY
- DTMF MICROPHONE INCLUDED (U.S.A. VERSION)
- OPTIONAL TONE SQUELCH AND POCKET BEEP FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/ 140.000 ~ 150.000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), 440.000 ~ 450.000 MHz, (Europe version) 144.00 ~ 146.000 MHz, 430.000 ~ 440.000 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** 7.6 A • **Dimensions:** 140(W) \times 50(H) \times 180(D) mm; 5.5(W) \times 2.0(H) \times 7.1(D) in • **Max. output power:** 25 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

Versatile UHF dual bander.

Add an exciting dimension to your FM mobiling world with Icom's IC-2500A/E, a unique transceiver that covers both the 430 (440) and 1200 MHz bands. This transceiver is equipped with simultaneous dual band receive capability, full duplex operation capability, a high sensitivity receiver and other sophisticated operating features. For 1200 MHz band operation, an advanced AFC function automatically tracks the frequency of the transmitting station.

FEATURES

- 35 W ON THE 430 (440) MHz BAND
- 10 W ON THE 1200 MHz BAND
- FULL DUPLEX CROSSBAND OPERATION
- SIMULTANEOUS DUAL BAND RECEPTION
- 40 MEMORY CHANNELS AND 2 PROGRAMMABLE CALL CHANNELS
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- AFC, RIT AND VFO FUNCTIONS FOR 1200 MHz OPERATION
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

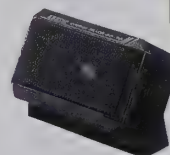
SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, 1240.000 ~ 1300.000 MHz, (Europe version) 430.000 ~ 440.000 MHz, 1240.000 ~ 1300.000 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** (430 or 440 MHz band) 10.5 A, (1200 MHz band) 6.6 A • **Dimensions:** 150(W) \times 50(H) \times 195(D) mm; 5.9(W) \times 2.0(H) \times 7.7(D) in • **Max. output power:** (430 or 440 MHz band) 35 W (1200 MHz band) 10 W • **Sensitivity:** (430 or 440 MHz band) less than 0.18 μ V for 12 dB SINAD, (1200 MHz band) less than 0.22 μ V for 12 dB SINAD

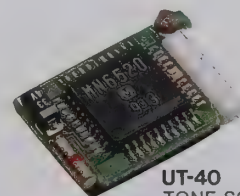
IC-PS30
AC POWER SUPPLY



SP-10
EXTERNAL
SPEAKER



SP-7
EXTERNAL
SPEAKER



UT-40
TONE SQUELCH
UNIT

IC-228 IC-28



IC-PS30
AC POWER SUPPLY



HS-15
FLEXIBLE
MOBILE
MICROPHONE

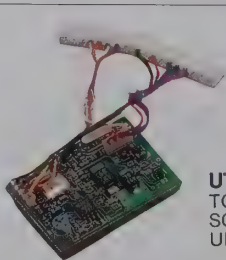


HS-15SB
SWITCHBOX

HM-16
SPEAKER-
MICROPHONE



UT-29
TONE
SQUELCH
UNIT



IC-228A (25 W U.S.A. version)
IC-228E (25 W Europe version)
IC-228H (45 W version)

IC-28A (25 W U.S.A. version)
IC-28E (25 W Europe version)
IC-28H (45 W version)

Superb 144 MHz mobile transceiver.

The trendsetter of FM mobile transceivers, the compact IC-228A/E/H is equipped with 20 memory channels that store offset frequencies and subaudible tones.* The transceiver also includes programmed and memory scan functions, a memory skip function and a priority watch function. A single switch access call channel stores your favorite channel. An optional pocket beep function alerts you when selected calls are received.

*U.S.A. version only

FEATURES

- 45 W OUTPUT POWER (IC-228H)
- COMPACT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PRIORITY WATCH
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- DTMF MICROPHONE INCLUDED (U.S.A. VERSION)
- INTENSITY-ADJUSTABLE FUNCTION DISPLAY
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.100 ~ 150.000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** IC-228A/E: 6.0 A, IC-228H: 9.5 A • **Dimensions:** IC-228A/E: 140(W) \times 50(H) \times 137(D) mm; 5.5(W) \times 2.0(H) \times 5.4(D) in, IC-228H: 159(D) mm; 6.3(D) in • **Max. output power:** IC-228A/E: 25 W, IC-228H: 45 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

High-tech mobile transceiver.

Take a close look at this easy-to-use, compact 144 MHz FM transceiver: it's unique. The IC-28A/E/H has 21 memories, versatile scan functions, a large function display and a built-in subaudible tone encoder.* All functions can be easily controlled with just a few switches and controls, ensuring you safe driving.

*U.S.A. version only.

FEATURES

- 45 W OUTPUT POWER (IC-28H)
- COMPACT AND EASY TO OPERATE
- 21 MEMORY CHANNELS
- LARGE FUNCTION DISPLAY
- VFO AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- MEMORY TRANSFER FUNCTION
- DTMF MICROPHONE INCLUDED (U.S.A.)
- 1750 Hz TONE CALL (EUROPE VERSION)
- BUILT-IN SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- SELECTABLE TUNING STEP

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Transmit/140.100 ~ 150.000 MHz, Receive/138.000 ~ 174.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** IC-28A/E: 6.0 A, IC-28H: 9.5 A • **Dimensions:** IC-28A/E: 140(W) \times 50(H) \times 133(D) mm; 5.5(W) \times 2.0(H) \times 5.2(D) in, IC-28H: 155(D) mm; 6.1(D) in • **Max. output power:** IC-28A/E: 25 W, IC-28H: 45 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-448

IC-1201



IC-448A (U.S.A. version 448 MHz)
IC-448E (Europe version 430 MHz)

IC-1201A (U.S.A. version)
IC-1201E (Europe version)

Superior UHF mobile transceiver.

Icom presents a superior UHF mobile transceiver for all 430 (440) MHz band amateurs who demand quality transceiver performance. Featuring 35 W output power, 20 memory channels, programmed and memory scan and other functions, the IC-448A/E offers everything mobile operators require. An optional pocket beep function alerts you when selected calls are received. Join the action on the 430 (440) MHz band now.

FEATURES

- FULL 35 W OUTPUT POWER
- COMPACT, LIGHTWEIGHT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PRIORITY WATCH
- PROGRAMMABLE OFFSET FREQUENCY
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS
- DTMF MICROPHONE INCLUDED (U.S.A. VERSION)

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz
 • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** 9.5 A • **Dimensions:** 140(W) \times 50(H) \times 159(D) mm; 5.5(W) \times 2.0(H) \times 6.3(D) in • **Max. output power:** 35 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

Dominate the 1200 MHz band.

The advanced IC-1201A/E is a 1200 MHz enthusiast's dream rig. The transceiver is ready for today's "ultra-band" with features such as 10 W stable output power and a high sensitivity receiver. A convenient AFC function tracks the frequency of the transmitting station. To ensure driving safety, the transceiver can be operated with just a few switches and controls. The large, easy-to-read function display includes adjustable backlighting.

FEATURES

- HIGH SENSITIVITY RECEIVER WITH A GaAs FET
- STABLE 10 W OUTPUT POWER
- SUPERIOR FREQUENCY STABILITY
- CONVENIENT AFC, RIT AND VXO FUNCTIONS
- COMPACT, LIGHTWEIGHT AND EASY TO OPERATE
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PRIORITY WATCH

SPECIFICATIONS

• **Frequency coverage:** 1240.000 ~ 1300.000 MHz
 • **Power supply requirement:** 13.8 V DC $\pm 15\%$ • **Max. current drain:** 6.0 A • **Dimensions:** 140(W) \times 40(H) \times 200(D) mm; 5.5(W) \times 1.6(H) \times 7.9(D) in • **Max. output power:** 10 W • **Sensitivity:** less than 0.22 μ V for 12 dB SINAD

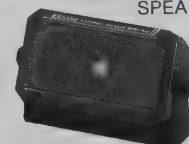
PS-45
AC POWER
SUPPLY



AH-1200
1200 MHz
MOBILE
ANTENNA



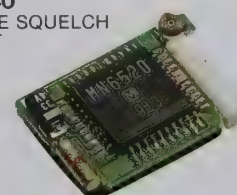
SP-10
EXTERNAL
SPEAKER



AHB-1200
TRUNK MOUNT



UT-40
TONE SQUELCH
UNIT



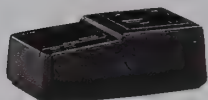
IC-24



FEATURES

IC-24AT (U.S.A. version: 144/440 MHz)
IC-24ET (Europe version: 144/430 MHz)

BC-72
DESKTOP CHARGER



BP-81 ~ BP-86
BATTERY
PACKS



MB-30
MOUNTING
BRACKET

HM-9
SPEAKER-
MICROPHONE

HM-54
SPEAKER-
MICROPHONE

- SUPER COMPACT AND LIGHTWEIGHT
- CROSSBAND FULL DUPLEX OPERATION
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- DUAL BAND DISPLAY
- 4 DTMF CODE MEMORY CHANNELS FOR AUTO DIALING
- VERSATILE SCAN FUNCTIONS AND PRIORITY WATCH
- 40 DOUBLE-SPACED MEMORY CHANNELS
- 2 PROGRAMMABLE CALL CHANNELS
- 24-HOUR SYSTEM CLOCK
- AUTO POWER ON AND POWER OFF TIMER FUNCTIONS
- A VARIETY OF TUNING STEPS
- MONITOR FUNCTION FOR CHECKING REPEATER INPUT FREQUENCY
- OPTIONAL TONE SQUELCH FUNCTION

Compact, dual band versatility.

How has Icom put so much versatility into a handheld so streamlined and easy to use? Simple. Dedication.

Super small and incredibly lightweight, the IC-24AT/ET is one of the most compact dual band handhelds in the world. Compare for yourself — the IC-24AT/ET weighs just 340 g (12.0 oz) with the BP-82 BATTERY PACK. This means the transceiver will fit anywhere — in shirt pockets, handbags, briefcases. Many transceiver features can be accessed from the built-in keyboard. And these features are unusually numerous in a handheld so small: full duplex for crossband operation, 40 memory and 2 programmable call channels, 4 DTMF code memory channels, a built-in clock with timer, automatic power off timer and many other outstanding features.

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) (144 MHz band) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (440 MHz band) 440.000 ~ 450.000 MHz, (Europe version) (144 MHz band) 144.000 ~ 146.000 MHz, (430 MHz band) 430.000 ~ 440.000 MHz • **Tuning step increment:** 5, 10, 12.5, 15, 20, 25, 50, 100 kHz or 1 MHz • **Power supply requirement:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.2 V DC):** (144 MHz band) High/typical 1.3 A, Low 1/approx. 500 mA (430 or 440 MHz band) High/typical 1.6A, Low 1/approx. 700 mA • **Dimensions (with BP-82):** 52(W) × 136.5(H) × 34.5(D) mm; 2.0(W) × 5.4(H) × 1.4(D) in • **Output power:** High/more than 5 W, Low 1/approx. 500 mW • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD • **Audio output power:** More than 200 mW at 10% distortion with an 8 Ω load



UT-50
TONE SQUELCH
UNIT

IC-32



IC-32A (U.S.A. version 144/440 MHz)
 IC-32AT (U.S.A. version 144/440 MHz)
 IC-32E (Europe version 144/430 MHz)

FEATURES

- FULL DUPLEX CROSSBAND OPERATION CAPABILITY
- CONVENIENT KEYBOARD AND TUNING CONTROL
- 20 DOUBLE-SPACED MEMORY CHANNELS
- HIGH OUTPUT POWER
- PROGRAMMED SCAN FUNCTION
- MEMORY SCAN FUNCTION
- SELECTED BAND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- 2 PROGRAMMABLE CALL CHANNELS
- PROGRAMMABLE OFFSET FREQUENCY
- MONITOR FUNCTION TO CHECK REPEATER INPUT FREQUENCY
- DURABLE CONSTRUCTION
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS

Two handhelds in one.

All the VHF/UHF action is now yours with Icom's dual band FM handheld, the advanced new IC-32A/AT/E. Owning the IC-32A/AT/E is just like having two transceivers in one!

Two bands in one transceiver mean that you'll always be in touch. The IC-32A/AT/E includes full duplex capability, 20 memory channels, programmed and memory scan functions, a convenient optional pocket beep function, full 5 W output power, a dial select function for quick QSY'ing, priority functions and other outstanding features.

Now you can operate with the kind of dual band versatility formerly found only in larger, bulkier handhelds.

SPECIFICATIONS

- **Frequency coverage:** (U.S.A. version) (144 MHz band) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.00 ~ 148.00 MHz.), (440 MHz band) 440.000 ~ 450.000 MHz, (Europe version) (144 MHz band) 144.000 ~ 146.000 MHz, (430 MHz band) 430.000 ~ 440.000 MHz
- **Tuning step increment:** (U.S.A. version) 5, 10, 15, 20 or 25 kHz, (Europe version) 12.5 or 25 kHz
- **Power supply requirement:** BP-2 ~ BP-70 (external DC power jack 12 ~ 15 V DC)
- **Max. current drain (at 13.2 V DC):** (144 MHz band) 2.0 A (430 or 440 MHz band) 2.2 A
- **Dimensions:** (with BP-70) 65(W) × 180.5(H) × 35(D) mm; 2.6(W) × 7.1(H) × 1.4(D) in, (with BP-3) 159(H) mm; 6.3(H) in
- **Output power:** (144 MHz band) High/5.5 W, Low/1.0 W (430 or 440 MHz band) 5.0 W, Low/1.0 W
- **Sensitivity:** less than 0.25 μ V for 12 dB SINAD
- **Audio output power:** More than 400 mW at 10% distortion with an 8 Ω load

BC-35, BC-36
AC BATTERY
CHARGER



HM-46L
SPEAKER-
MICROPHONE



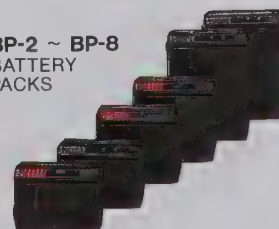
BA-10
BOTTOM CAP



CP-10
BATTERY
SEPARATION
CABLE

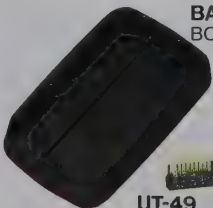


BP-2 ~ BP-8
BATTERY
PACKS



IC-25

IC-25T

IC-25A (U.S.A. version)
IC-25E (Europe version)IC-25AT (U.S.A. version)
IC-25ET (Europe version)BC-35, BC-36
AC BATTERY CHARGERBC-72
DESKTOP
CHARGERHM-46
SPEAKER-
MICROPHONEBA-11
BOTTOM CAPUT-49
DTMF DECODER UNIT**Easy operation for everybody.**

Enjoy the features of a full-sized handheld with a transceiver that fits snugly in the palm of your hand. The super-lightweight IC-25A/SE has a full 5 W output power, 48 memory channels, VFO scan and memory scan functions. All functions are performed very easily at the touch of just a few switches and controls.

FEATURES

- SIMPLE OPERATION
- 5 W OUTPUT WITH EXTERNAL 13.8 V DC
- ULTRA-COMPACT SIZE
- 48 MEMORY CHANNELS AND 1 PROGRAMMABLE CALL CHANNEL
- POWER SAVER FOR LONGER OPERATING TIME
- VFO AND MEMORY SCAN FUNCTIONS
- FREQUENCY SKIP FUNCTION
- AUTO POWER OFF TIMER FUNCTION
- 100 kHz TUNING STEP FOR QUICK QSY'ing
- EXTERNAL DC POWER JACK
- REPEATER INPUT MONITOR FUNCTION

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz
 • **Power supply requirement:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.2 A, Low 1/approx. 450 mA • **Dimensions:** (with BP-82) 49(W) × 103.5(H) × 33(D) mm; 1.9(W) × 4.1(H) × 1.3(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

Powerful little giant.

The compact IC-25AT/SET is a high performance 144 MHz mini handheld that features built-in NiCd batteries and a convenient keyboard.

When the internal batteries are exhausted, you can still operate with an optional battery pack. The handheld also boasts sophisticated multi-function versatility: 48 memory channels and 10 DTMF code memory channels for autopatching and a built-in 24-hour system clock with a timer function that is great for scheduling QSO's.

FEATURES

- BUILT-IN NiCd BATTERIES
- CONVENIENT KEYBOARD
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V
- 48 MEMORY CHANNELS AND 1 PROGRAMMABLE CALL CHANNEL
- 10 DTMF CODE MEMORY CHANNELS FOR AUTO DIALING
- VERSATILE SCAN FUNCTIONS
- BUILT-IN CLOCK WITH TIMER FUNCTIONS
- DUTY RATIO SELECTABLE POWER SAVER
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz
 • **Acceptable external power supply:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.2 A, Low 1/approx. 450 mA • **Dimensions:** 49(W) × 102.5(H) × 35(D) mm; 1.9(W) × 4.0(H) × 1.4(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-2G

IC-02

IC-2



Rugged body, big on power.

Enjoy full-function operation right in your hand with today's most powerful FM handheld — the IC-2GA/GAT/GE. This durable transceiver includes programmed and memory scan functions, priority watch, 20 memory channels, as well as programmable offset frequencies, subaudible tones,* and numerous other functions. A full 7 W of output power are also available when the BP-7 or BP-70 BATTERY PACK is used.

*U.S.A. version only.

FEATURES

- 7 W OUTPUT POWER WITH BP-7 OR BP-70
- POWER SAVER
- SPLASH-RESISTANT BODY
- 20 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL (U.S.A. VERSION)
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS (U.S.A. VERSION)
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) Receive/138.000 ~ 174.000 MHz, Transmit/140.000 ~ 150.000 MHz (Specifications guaranteed 144.000 ~ 148.000 MHz.), (Europe version) 144.000 ~ 146.000 MHz • **Power supply requirement:** BP-2 ~ BP-8 and BP-70 • **Current drain (at 13.2 V DC):** High/1.8 A, Low/900 mA • **Dimensions:** (with BP-70) 65(W) × 151(H) × 35(D) mm; 2.6(W) × 5.9(H) × 1.4(D) in. (with BP-3) 130(H) mm; 5.1(H) in • **Max. output power (at 13.2 V DC):** 7 W • **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

Full-featured performance.

Professional grade quality and performance put this FM handheld in a class of its own. The IC-02A/AT/E includes a high sensitivity receiver, programmable offset frequencies, selectable output power, programmed and memory scan functions, priority watch, multifunction front panel keyboard, and many other outstanding features. Full 5 W output power is available with an optional BP-7 or BP-70 BATTERY PACK.

FEATURES

- 5 W OUTPUT POWER WITH BP-7 OR BP-70
- 10 MEMORY CHANNELS
- SPLASH-RESISTANT BODY
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- PROGRAMMABLE CALL CHANNEL
- BUILT-IN DTMF KEYBOARD AND SUBAUDIBLE TONE ENCODER (IC-02AT)
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 144.000 ~ 147.995 Hz, (Europe version) 144.000 ~ 145.995 MHz • **Power supply requirement:** BP-2 ~ BP-8 and BP-70 (external DC power jack 12 ~ 15 V DC) • **Current drain (at 8.4 V DC):** High/1.05 A, Low/450 mA • **Dimensions:** (with BP-3) 65(W) × 160(H) × 35(D) mm; 2.6(W) × 6.3(H) × 1.4(D) in • **Max. output power (at 13.2 V DC):** 5 W • **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

Time-proven handheld.

The IC-2A/AT/E has passed the test of time. This transceiver is now one of the most influential and popular Icom handhelds ever made, world renowned for its outstanding performance and reliability under the most demanding conditions. The IC-2A/AT/E is easy and convenient to use as all functions are performed from just a few controls and switches.

FEATURES

- FULLY SYNTHESIZED
- EASY OPERATION
- 2.3 W OUTPUT POWER WITH BP-5 OR BP-5A
- BUILT-IN DTMF KEYBOARD (IC-2AT)
- 1750 Hz TONE CALL (IC-2E)
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED
- OPTIONAL DC-DC CONVERTER
- RUGGED CONSTRUCTION
- WIDE VARIETY OF OPTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 144.000 ~ 147.995 Hz, (Europe version) 144.000 ~ 145.995 MHz • **Power supply requirement:** BP-2 ~ BP-5A and BP-8 • **Current drain (at 8.4 V DC):** High/550 mA, Low/220 mA • **Dimensions:** (with BP-3) 65(W) × 167(H) × 35(D) mm; 2.6(W) × 6.6(H) × 1.4(D) in • **Max. output power (at 10.8 V DC):** 2.3 W • **Sensitivity:** less than 0.5 μ V for 20 dB NQL

IC-4S

IC-4ST



IC-4SA (U.S.A. version 440 MHz)
IC-4SE (Europe version 430 MHz)

IC-4SAT (U.S.A. version 440 MHz)
IC-4SET (Europe version 430 MHz)

BP-81 ~ BP-86
BATTERY PACKS AND
BA-12
BATTERY
CHARGE
ADAPTER

BC-74A/E/D/V
WALL CHARGER

BC-73E/D
WALL
CHARGER

HS-51
HEADSET

CP-12
CIGARETTE LIGHTER CABLE
WITH NOISE FILTER

Ultra compact, ultra powerful.

Be part of the 430 (440) MHz revolution with the latest in handheld technology from Icom. The compact IC-4SA/SE features VFO and memory scan functions, 48 memory channels, and 5 W output power. The IC-4SA/SE is easy to operate; just a few switches and controls are needed for all functions.

FEATURES

- ULTRA-COMPACT SIZE
- SIMPLE OPERATION
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- 48 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- AUTO POWER OFF TIMER
- VFO AND MEMORY SCAN FUNCTIONS
- FREQUENCY SKIP FUNCTION
- UNIQUE POWER SAVER FUNCTION
- 100 kHz TUNING STEPS FOR QUICK QSY'ing
- REPEATER INPUT MONITOR FUNCTION

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz
• **Power supply requirement:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.6 A, Low 1/approx. 600 mA
• **Dimensions (with BP-82):** 49(W) × 103.5(H) × 33(D) mm; 1.9(W) × 4.1(H) × 1.3(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

The leader in UHF mini handhelds.

Icom's easy-to-operate IC-4SAT/SET delivers outstanding performances. The transceiver is very lightweight even with internal NiCd batteries included. Connect an optional battery pack to operate the IC-4SAT/SET continuously even when the internal batteries are exhausted. Convenient keyboard control allows you fast and easy operation. 10 DTMF code memory channels are available for auto dialing, and a timer function ensures you easy QSO scheduling.

FEATURES

- BUILT-IN NiCd BATTERIES
- CONVENIENT KEYBOARD
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- 48 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- 10 DTMF CHANNELS FOR AUTO DIALING
- FULL, PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- 24-HOUR SYSTEM CLOCK WITH TIMER FUNCTIONS
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz
• **Acceptable external power supply:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.6 A, Low 1/approx. 600 mA
• **Dimensions:** 49(W) × 102.5(H) × 35(D) mm; 1.9(W) × 4.0(H) × 1.4(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-4G

IC-04

IC-12G



IC-4GAT (U.S.A. version 440 MHz)
IC-4GE (Europe version 430 MHz)



IC-04AT (U.S.A. version 440 MHz)
IC-04E (Europe version 430 MHz)



IC-12GAT (U.S.A. version)
IC-12GE (Europe version)

Quality in a powerful handheld.

The IC-4GAT/GE is an FM handheld with many state-of-the-art features, yet is simple to operate. Programmable offset frequencies and subaudible tones* can be memorized into its 20 memories. Includes programmed and memory scan functions, a memory skip function and full 6 W of output power. An optional pocket beep function alerts you when selected calls are received.*

*U.S.A. version only.

FEATURES

- 6 W OUTPUT POWER WITH BP-7 OR BP-70
- SPLASH-RESISTANT BODY
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (IC-4GAT)
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS (IC-4GAT)

SPECIFICATIONS

- **Frequency coverage:** (U.S.A. version) 440.000 ~ 450.000 MHz, (Europe version) 430.000 ~ 440.000 MHz
- **Power supply requirement:** BP-2 ~ BP-8 and BP-70
- **Current drain (at 13.2 V DC):** High/2.3 A, Low/1.2 A
- **Dimensions:** (with BP-70) 65(W) × 151(H) × 35(D) mm; 2.6(W) × 5.9(H) × 1.4(D) in, (with BP-3) 130(W) mm; 5.1(H) in
- **Max. output power (at 13.2 V DC):** 6 W
- **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

Full-featured handheld.

The IC-04AT/E is designed for amateurs that demand top-grade quality and performance in a 430 (440) MHz handheld. The transceiver includes an extremely sensitive receiver and superb transmitter, 10 memory channels, programmable offset frequencies, scan functions and priority watch. Full 5 W output power is available with an optional BP-7 or BP-70 BATTERY PACK. An outstanding handheld for the discriminating user.

FEATURES

- 5 W OUTPUT POWER WITH BP-7 OR BP-70
- 10 MEMORY CHANNELS
- SPLASH-RESISTANT BODY
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- PROGRAMMABLE CALL CHANNEL
- BUILT-IN DTMF KEYBOARD AND SUBAUDIBLE TONE ENCODER (U.S.A. VERSION)
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

- **Frequency coverage:** (U.S.A. version) 440.000 ~ 449.995 Hz, (Europe version) 430.000 ~ 439.995 MHz
- **Power supply requirement:** BP-2 ~ BP-8 and BP-70 (external DC power jack 12 ~ 15 V DC)
- **Current drain (at 8.4 V DC):** High/1.25 A, Low/650 mA
- **Dimensions:** (with BP-3) 65(W) × 160(H) × 35(D) mm; 2.6(W) × 6.3(H) × 1.4(D) in
- **Max. output power (at 13.2 V DC):** 5 W
- **Sensitivity:** less than 0.32 μ V for 12 dB SINAD

Ultra band 1200 MHz action.

Enjoy "ultra band" 1200 MHz action with this hand-sized power performer designed with the latest in microwave technology.

The IC-12GAT/GET is equipped with fine features such as a 20 memory capacity, programmable offset frequencies and subaudible tones,* programmed and memory scan functions, a call channel, power saver function, and an optional pocket beep function.*

*U.S.A. version only.

FEATURES

- SPLASH-RESISTANT BODY
- WIDE BAND FREQUENCY COVERAGE
- RIT FUNCTION
- 20 MEMORY CHANNELS
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PROGRAMMABLE OFFSET FREQUENCY
- REPEATER INPUT MONITOR FUNCTION
- DTMF KEYBOARD (U.S.A. VERSION)
- OPTIONAL POCKET BEEP AND TONE SQUELCH FUNCTIONS (U.S.A. VERSION)

SPECIFICATIONS

- **Frequency coverage:** 1240.000 ~ 1300.000 MHz (Specifications guaranteed 1260.000 ~ 1300.000 MHz.)
- **Power supply requirement:** BP-2 ~ BP-8 and BP-70
- **Current drain (at 13.2 V DC):** High/900 mA, Low/600 mA
- **Dimensions:** (with BP-3) 65(W) × 130(H) × 35(D) mm; 2.6(W) × 5.1(H) × 1.4(D) in
- **Max. output power (at 13.2 V DC):** 1 W
- **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

220 MHz ALL MODE
TRANSCEIVER

220 MHz
FM TRANSCEIVER

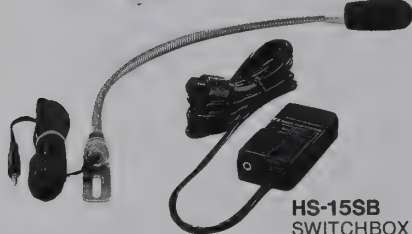
IC-375A IC-38A



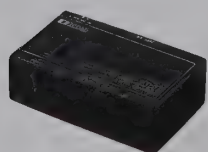
HP-2
COMMUNICATION
HEADPHONES



HS-15
FLEXIBLE
MOBILE
MICROPHONE



HS-15SB
SWITCHBOX



CT-17
CI-V
LEVEL
CONVERTER



UT-36
VOICE
SYNTHESIZER
UNIT

DESCRIPTION

Superb 220 MHz performer.

The IC-375A's superb performances on the 220 MHz band have made it so popular in today's knowledgeable amateur world. And it's no secret why. The IC-375A is equipped with Icom's advanced DDS (Direct Digital Synthesizer) System, a high sensitivity receiver and other features for serious 220 MHz operators such as a notch filter, speech compressor and noise blanker. The transceiver is also suitable for packet radio operation.

FEATURES

- DDS SYSTEM
- 99 MEMORY CHANNELS
- USB, LSB, CW AND FM MODES
- ADJUSTABLE IF NOTCH FILTER
- BUILT-IN SPEECH COMPRESSOR
- NOISE BLANKER
- PROGRAMMED, MEMORY AND SELECTED MODE MEMORY SCAN FUNCTIONS
- ALL MODE SQUELCH
- SUITABLE FOR PACKET RADIO
- CI-V SYSTEM FOR COMPUTER CONTROL

SPECIFICATIONS

• **Frequency coverage:** 216.0000 ~ 235.0000 MHz (Specifications guaranteed 220.0000 ~ 225.0000 MHz.)
 • **Max. current drain:** (at 13.8 V DC) 7 A • **Dimensions:** 241(W) × 95(H) × 239(D) mm; 9.5(W) × 3.7(H) × 9.4(D) in • **Max. output power:** 25 W • **Modes:** SSB (A3J), CW (A1), FM (F3) • **Sensitivity:** SSB, CW: less than 0.10 μ V for 10 dB S/N. FM: less than 0.18 μ V for 12 dB SINAD

DESCRIPTION

Discover the open spaces on 220 MHz.

Icom's compact, easy-to-use IC-38A is a 220 MHz mobile transceiver specially designed for operator convenience. You can control all the IC-38A's functions with just a few switches and controls. A simple panel layout ensures you safe driving. Scanning and memory selection is possible via the microphone. The IC-38A has 21 memories, a memory skip function, subaudible tone encoder and other convenient functions.

FEATURES

- EASY TO USE
- COMPACT SIZE
- 25 W OUTPUT POWER
- 21 MEMORY CHANNELS
- VFO AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- PROGRAMMABLE CALL CHANNEL
- PROGRAMMABLE OFFSET FREQUENCY
- HM-14 DTMF MICROPHONE INCLUDED
- OPTIONAL DIGITAL CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** Transmit/220.000 ~ 225.000 MHz, Receive/215.000 ~ 235.000 MHz (Specifications guaranteed 220.000 ~ 225.000 MHz.) • **Power supply requirement:** 13.8 V DC \pm 15% • **Max. current drain:** 6.5 A • **Dimensions:** 140(W) × 50(H) × 155(D) mm; 5.5(W) × 2.0(H) × 6.1(D) in • **Max. output power:** 25 W • **Sensitivity:** less than 0.18 μ V for 12 dB SINAD

IC-3SAT IC-03AT



DESCRIPTION

220 MHz magic.

Experience 220 MHz operation in a completely new way with one of today's most exciting mini handhelds — the IC-3SAT. The transceiver is full of super features yet is very easy to operate with the convenient keyboard. Built-in rechargeable NiCd batteries free you from depending only on external battery packs and allow you to attach an optional battery pack for longer operating times.

FEATURES

- BUILT-IN NiCd BATTERIES
- CONVENIENT KEYBOARD
- 5 W OUTPUT POWER WITH EXTERNAL 13.8 V DC
- 48 MEMORY CHANNELS
- PROGRAMMABLE CALL CHANNEL
- 24-HOUR SYSTEM CLOCK WITH TIMER FUNCTIONS
- FULL, PROGRAMMABLE, AND MEMORY SCAN FUNCTIONS
- MEMORY SKIP FUNCTION
- 10 DTMF CODE MEMORY CHANNELS FOR AUTO DIALING
- OPTIONAL PAGER, CODE AND TONE SQUELCH FUNCTIONS

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 225.000 MHz • **Acceptable external power supply:** BP-81 ~ BP-86 (external DC power jack 6 ~ 16 V DC) • **Current drain (at 13.8 V DC):** High/typical 1.4 A, Low 1/approx. 550 mA • **Dimensions:** 49(W) × 102.5(H) × 35(D) mm; 1.9(W) × 4.0(H) × 1.4(D) in • **Max. output power (at 13.8 V DC):** more than 5 W • **Sensitivity:** less than 0.22 μ V for 12 dB SINAD

DESCRIPTION

Top-of-the-line 220 MHz handheld.

This advanced handheld has everything for the active amateur: 10 memory channels, programmable offset frequency, programmed and memory scan functions, priority watch and a DTMF keyboard. Full 5 W output power is available with an optional BP-7 or BP-70 BATTERY PACK or external 13.8 V DC power. Top quality and reliability.

FEATURES

- 5 W OUTPUT POWER WITH BP-7 OR BP-70
- 10 MEMORY CHANNELS
- SPLASH-RESISTANT BODY
- PROGRAMMABLE OFFSET FREQUENCY
- PROGRAMMED AND MEMORY SCAN FUNCTIONS
- PRIORITY WATCH
- PROGRAMMABLE CALL CHANNEL
- BUILT-IN SUBAUDIBLE TONE ENCODER
- DTMF KEYBOARD
- BATTERY PACK, BELT CLIP, HANDSTRAP AND EARPHONE INCLUDED

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 224.995 MHz • **Power supply requirement:** BP-2 ~ BP-8 and BP-70 (external DC power jack 12 ~ 15 V DC) • **Current drain (at 8.4 V DC):** High/1.2 A, Low/500 mA • **Dimensions:** (with BP-3) 65(W) × 160(H) × 35(D) mm; 2.6(W) × 6.3(H) × 1.4(D) in • **Max. output power (at 13.2 V DC):** 5 W • **Sensitivity:** less than 0.25 μ V for 12 dB SINAD

BP-2 ~ BP-8, BP-70 BATTERY PACKS



ST-10
SHOULDER
STRAP

MB-16 MOBILE BRACKET



CP-11 CIGARETTE LIGHTER CABLE WITH NOISE FILTER



MB-16D WALL BRACKET



IC-RP1510 IC-RP2210



DESCRIPTION

When you really need to be heard.

Icom's advanced IC-RP1510 144 MHz repeater prepares you for the times when you really need to be heard. You will be! The IC-RP1510 gives you the best of all worlds. Commercial quality and features such as hang-up and time-out timer functions, manual transmit, and remote control make this one of the finest repeaters made. The repeater delivers superb performances in any environment. Great for small groups and clubs alike.

FEATURES

- 25 W OUTPUT POWER
- HANG-UP AND TIME-OUT TIMERS
- MANUAL TRANSMIT
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- EXCELLENT IMD ATTENUATION
- LOCAL INHIBIT FUNCTION AND CTCSS DECODER
- DURABLE STEEL FRAME
- AC/DC POWER OPERATION
- BUILT-IN SPEAKER AND MICROPHONE CONNECTOR

SPECIFICATIONS

• **Frequency coverage:** 144.000 ~ 148.000 MHz • **Power supply requirement:** (U.S.A. version) 100 ~ 120 V AC or 13.8 V DC $\pm 15\%$, (Europe version) 220 ~ 240 V AC or 13.8 V DC $\pm 15\%$ • **Dimensions (without optional cabinet):** 480(W) \times 150(H) \times 400(D) mm; 18.9(W) \times 5.9(H) \times 15.7(D) in • **Output power:** 25 W • **Mode:** FM (ID: F2, voice: F3) • **Sensitivity:** less than 0.32 μ V for 12 dB SINAD

DESCRIPTION

220 MHz dependability.

Icom's quality and dependability are now available in a 220 MHz FM repeater. This extremely reliable repeater exceeds even the most demanding requirements of low IMD and low spurious emissions. The repeater includes a very sensitive receiver, CW identification, time-out timers, DTMF decoder for remote control operation and single switch local/remote operation. Transmit and receiver frequencies, CTCSS frequency and hang-up timer are dip-switch programmable. Find out what dependability is all about.

FEATURES

- 25 W OUTPUT POWER
- HANG-UP AND TIME-OUT TIMERS
- DTMF DECODER FOR REMOTE CONTROL OPERATION
- BUILT-IN CTCSS DECODER
- LOW IMD
- LOCAL INHIBIT FUNCTION
- AC/DC POWER OPERATION
- STEEL FRAME
- OPTIONAL CABINET

SPECIFICATIONS

• **Frequency coverage:** 220.000 ~ 225.000 MHz • **Tuning step increment:** 5 kHz • **Power supply requirement:** 117 V AC or 13.8 V DC $\pm 15\%$ • **Dimensions (without optional cabinet):** 480(W) \times 150(H) \times 400(D) mm; 18.9(W) \times 5.9(H) \times 15.7(D) in • **Output power:** 25 W • **Mode:** FM (ID: F2, voice: F3) • **Sensitivity:** less than 0.32 μ V for 12 dB SINAD

IC-RP4020 IC-RP1220



DESCRIPTION

The UHF superstar.

Share the limelight with Icom's UHF superstar — the professional-grade IC-RP4020 UHF repeater. The IC-RP4020 ensures excellent performances under the most demanding conditions. The repeater includes 50 W output power, CTCSS decoder and programmable CW call sign and identification ability. In addition, most functions can be remotely controlled using a DTMF code. The DTMF code includes a 4-digit password to prevent undesired remote control.

FEATURES

- 3 VERSIONS AVAILABLE: 10, 25, 50 W OUTPUT POWER
- HANG-UP AND TIME-OUT TIMERS
- BUILT-IN DTMF DECODER FOR REMOTE CONTROL
- BUILT-IN CTCSS DECODER
- EXCELLENT, LOW IMD
- LOCAL INHIBIT FUNCTION
- AC/DC POWER OPERATION
- CTCSS DECODER
- FULLY SYNTHESIZED

SPECIFICATIONS

• **Frequency coverage:** 430.000 ~ 450.000 MHz • **Power supply requirement:** (U.S.A. version) 100 ~ 120 V AC or 13.8 V DC $\pm 15\%$, (Europe version) 220 ~ 240 V AC or 13.8 V DC $\pm 15\%$ • **Dimensions (without optional cabinet):** 480(W) \times 150(H) \times 400(D) mm; 18.9(W) \times 5.9(H) \times 15.7(D) in • **Output power:** 10, 25 or 50 W (each type available) • **Mode:** FM (ID: F2, voice: F3) • **Sensitivity:** less than 0.32 μ V for 12 dB SINAD

DESCRIPTION

Expanding your horizons.

The IC-RP1220 is the perfect repeater for expanding every amateur's horizons. With activity on the 1200 MHz band flourishing, now is the best time to own a new IC-RP1220, a professional quality repeater that includes a CTCSS decoder and programmable CW call sign identification ability, and many more important features. No need to go to the repeater site to change the desired settings anymore. Most functions can be remotely controlled using DTMF codes. How convenient!

FEATURES

- STABLE 10 W OUTPUT POWER
- HANG-UP AND TIME-OUT TIMERS
- BUILT-IN DTMF DECODER FOR REMOTE CONTROL
- BUILT-IN CTCSS DECODER
- EXCELLENT, LOW IMD
- LOCAL INHIBIT FUNCTION
- FULLY SYNTHESIZED
- BACKUP BATTERY CONNECTOR
- AC/DC POWER OPERATION

SPECIFICATIONS

• **Frequency coverage:** 1240.00 ~ 1300.00 MHz • **Power supply requirement:** (U.S.A. version) 100 ~ 120 V AC or 13.8 V DC $\pm 15\%$, (Europe version) 220 ~ 240 V AC or 13.8 V DC $\pm 15\%$ • **Dimensions (without optional cabinet):** 480(W) \times 150(H) \times 400(D) mm; 18.9(W) \times 5.9(H) \times 15.7(D) in • **Output power:** High/10 W, Low/1 W • **Mode:** FM (ID: F2, voice: F3) • **Sensitivity:** less than 0.32 μ V for 12 dB SINAD

IC-R9000



SP-20
EXTERNAL SPEAKER
WITH AUDIO FILTERS



HP-2
COMMUNI-
CATION
HEADPHONES



CT-16
SATELLITE
INTERFACE
UNIT



UT-36
VOICE
SYNTHESIZER
UNIT

FEATURES

- SUPER WIDEBAND COVERAGE: 100 kHz ~ 2 GHz
- ALL MODES
- 5-INCH MULTI-FUNCTION CRT DISPLAY
- SUPER HIGH FREQUENCY STABILITY
- VISUAL SIGNAL CONFIRMATION BY SPECTRUM SCOPE SCREEN
- CONVENIENT MEMORY EDITOR FUNCTION
- 7 SEPARATE SCAN FUNCTIONS
- 1000 MEMORY CHANNELS WITH 8-CHARACTER NOTE ABILITY
- MEMORY EDITOR FUNCTION
- AUTO MEMORY WRITE SCAN
- VOICE SCAN CONTROL FUNCTION
- 13 ch/sec. SCANNING SPEED
- DDS SYSTEM
- TV VIDEO SIGNAL RECEIVE CAPABILITY*
- DUAL CLOCK
- SLEEP AND DAILY TIMERS
- CI-V SYSTEM FOR COMPUTER CONTROL
- IF SHIFT FUNCTION
- NOTCH FILTER
- GaAs FETs FOR THE UHF/VHF BAND CIRCUITS
- AFC FUNCTION TO COMPENSATE FOR FREQUENCY DRIFT
- DIRECT KEYBOARD ENTRY

* Except with some versions.

DESCRIPTION

The fine art of listening.

There's no better way to put an ear to the world than with Icom's state-of-the-art IC-R9000, a worldwide communications receiver that is simply in a professional class all its own. Here's why:

The receiver has continuous, all-mode, super wideband coverage of 100 kHz to 2 GHz, 1000 memory channels, a highly advanced CRT display which displays a wide variety of important information, a state-of-the-art signal analysis spectrum scope that analyzes any signal caught by the receiver's multi-scan functions, Icom's exclusive DDS (Direct Digital Synthesizer) System, a convenient memory editor function and many more outstanding features.

In fact, the IC-R9000 contains so much sophisticated new technology it has to be seen in action to be truly appreciated.

SPECIFICATIONS

• **Frequency coverage:** 0.10000 ~ 1999.80000 MHz • **Tuning step increment:** 10, 100 Hz, 1, 5, 9, 10, 12.5, 20, 25 or 100 kHz • **Power supply requirement:** (U.S.A. version) 100 ~ 120 V AC, (Europe version) 220 ~ 240 V AC • **Max. power consumption:** 110 VA • **Dimensions:** 424(W) × 150(H) × 365(D) mm; 16.7(W) × 5.9(H) × 15.4(D) in • **Mode:** SSB (A3J), CW (A1), FSK (F1), AM (A3), FM (F3), Wide FM (F3) • **Max. sensitivity*:** (0.1 ~ 0.5 MHz) SSB, CW, FSK/0.5 μV. AM/3.2 μV. (0.5 ~ 1.8 MHz) SSB, CW, FSK/1.0 μV. AM/6.3 μV. (1.8 ~ 30.0 MHz) SSB, CW, FSK/0.16 μV. AM/1.0 μV. (30.0 ~ 1000.0 MHz) SSB, CW, FSK/0.32 μV. AM/1.4 μV. FM/0.5 μV. Wide FM/1.4 μV. (1000.0 ~ 1240.0 MHz) SSB, CW, FSK/0.63 μV. FM/1.0 μV. (1240.0 ~ 1300.0 MHz) SSB, CW, FSK/0.32 μV. FM/0.5 μV. (1300.0 ~ 1600.0 MHz) FM/1.0 μV. (1600.0 ~ 1999.8 MHz) FM/1.4 μV

*SSB, CW, FSK, AM: for 10 dB S/N. FM, Wide FM: for 12 dB SINAD.
See the IC-R9000 brochure for detailed specifications.

IC-R71 IC-R7000



IC-R71A (U.S.A. version)
IC-R71E (Europe version)
IC-R71D (Germany version)

Keep in touch.

The sophisticated IC-R71A/E is designed to keep you in touch with the world at all times. World renowned, the IC-R71A/E is a versatile, multi-function receiver built for superior performance. The IC-R71A/E includes a 100 dB dynamic range, RF preamp, adjustable noise blanker, selectable AGC and tuning control or keyboard frequency selection along with many other sophisticated features. Now the whole world is right at your fingertips.

FEATURES

- USB, LSB, AM, FM, RTTY AND OPTIONAL FM MODES
- 32 MEMORY CHANNELS
- OPTIONAL REMOTE CONTROLLER
- PROGRAMMED, MEMORY AND SELECTED MODE SCAN FUNCTIONS
- ADJUSTABLE IF NOTCH FILTER
- ADJUSTABLE NOISE BLANKER
- KEYBOARD FREQUENCY ENTRY
- BUILT-IN PREAMPLIFIER AND ATTENUATOR
- OPTIONAL VOICE SYNTHESIZER UNIT

SPECIFICATIONS

- **Frequency coverage:** 0.1000 ~ 30.0000 MHz* • **Power supply requirement:** (U.S.A. version) 117 V AC, (Europe version) 235 V AC, (Germany version) 220 V AC
- **Dimensions:** 286(W) × 110(H) × 276(D) mm; 11.3(W) × 4.3(H) × 10.9(D) in
- **Mode:** SSB (A3J), CW (A1), AM (A3), FM (F3) (optional)
- **Sensitivity:** SSB, CW, RTTY: (for 10 dB S/N) 0.1 ~ 1.6 MHz/less than 1.0 μ V, 1.6 ~ 30.0 MHz/less than 0.15 μ V, AM: (for 10 dB S/N) 0.1 ~ 1.6 MHz/less than 3.0 μ V, 1.6 ~ 30.0 MHz/less than 0.5 μ V, FM: (for 12 dB SINAD) 1.6 ~ 30.0 MHz/less than 0.3 μ V

*Germany version does not cover entire frequency range.

Icom's famous receiver.

Icom answered the call from professional, high-class amateurs for a top-grade communications receiver when the world famous IC-R7000 was introduced. And the IC-R7000 has lived up to the call, rewarding so many listeners with features such as continuous tuning from 25 MHz ~ 2 GHz, multi-mode operation, 6 separate tuning increments and 6 advanced scan functions: priority, programmed, selected memory, selected mode, memory, and auto memory write.

FEATURES

- USB, LSB, FM, FM-NARROW, FM AND AM MODES
- WIDEBAND COVERAGE: 25 MHz ~ 2 GHz
- 99 MEMORY CHANNELS
- OPTIONAL REMOTE CONTROL
- VARIABLE SCAN SPEED AND DELAY TIME
- NOISE BLANKER
- OPTIONAL VOICE SYNTHESIZER UNIT
- 6 ADVANCED SCAN FUNCTIONS
- KEYBOARD FREQUENCY ENTRY

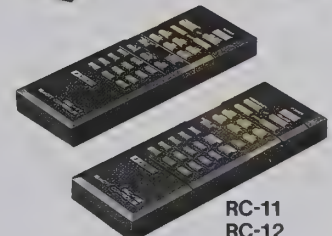
SPECIFICATIONS

- **Frequency coverage:** 25.0000 ~ 999.9999 MHz, 1025.0000 ~ 1999.9999 MHz (Specifications guaranteed 25.0000 ~ 999.9999 and 1240.0000 ~ 1300.0000 MHz)
- **Power supply requirement:** (U.S.A. version) 117 V AC, (Europe version) 220 or 240 V AC
- **Dimensions:** 286(W) × 110(H) × 276(D) mm; 11.3(W) × 4.3(H) × 10.9(D) in
- **Mode:** SSB (A3J), FM (F3), Wide FM (F3), AM (A3)
- **Sensitivity:** (25.0 ~ 1000.0 MHz) SSB/(for 10 dB S/N) less than 0.3 μ V, AM/(for 10 dB S/N) less than 1.0 μ V, FM/(for 12 dB SINAD) less than 0.5 μ V, Wide FM/(for 12 dB SINAD) less than 1.0 μ V, (1240.0 ~ 1300.0 MHz) FM: (for 12 dB SINAD) less than 2.0 μ V

TV-R7000 TV RECEIVE ADAPTER



CT-17 CI-V LEVEL CONVERTER



RC-11 RC-12 WIRELESS REMOTE CONTROLLERS

AH-7000 SUPER WIDEBAND OMNIDIRECTIONAL ANTENNA



1 kW HF LINEAR AMPLIFIER

IC-4KL



FEATURES

- 1 kW OUTPUT POWER AT FULL DUTY CYCLE
- FULL BREAK-IN OPERATION
- SEPARATE REMOTE CONTROLLER AND AMPLIFIER
- FULLY AUTOMATIC, HIGH-SPEED ANTENNA TUNER WITH RE-TRY FUNCTION
- TUNING DATA MEMORIES FOR QUICK QSY'ing
- ALL SOLID STATE
- COMPLETE PROTECTION CIRCUITS
- BUILT-IN 40 V, 60 A POWER SUPPLY
- AUTO-SELECTIVE FOR 100 ~ 120 V AC OR 200 ~ 240 V AC OPERATION
- SIMPLE CONNECTION
- ADVANCED COOLING SYSTEM
- ACCURATE DUAL METERS

DESCRIPTION

King of the DX world.

Some products are so good they require a class all their own to be appreciated. The all-solid-state IC-4KL, king of the DX world, is one of them. The IC-4KL is simply Icom's finest achievement in producing linear amplifiers, a 1 kW linear amplifier that will give you instant worldwide communications.

The IC-4KL can be quickly connected to any Icom HF transceiver and stored in any out-of-the-way place thanks to a conveniently designed remote controller unit. Once you've set your transceiver, the IC-4KL will do the rest.

The linear amplifier comes equipped with a fully automatic antenna tuner, full break-in capability, powerful output power, an automatic antenna tuner re-try function, tuning data memory capability, a super efficient cooling system and many other advanced features.

SPECIFICATIONS

• **Compatible transceiver:** Icom HF transceivers • **Frequency coverage:** (U.S.A. version) 1.8, 3.5, 7, 10, 14, 18 and 21 MHz bands, (other versions) 1.8, 3.5, 7, 10, 14, 18, 21, 24.5 and 28 MHz bands • **Duty cycle:** 100% continuously 1 hour (at 200 ~ 240 V AC, +25°C; +77°F) • **Dimensions:** (controller) 200(W) × 149(H) × 341(D) mm; 7.9(W) × 5.9(H) × 13.4(D) in, (linear amplifier) 425(W) × 297(H) × 458.5(D) mm; 16.7(W) × 11.7(H) × 18.1(D) in • **Power supply requirement:** 100 ~ 120 or 200 ~ 240 V AC ±10% (We recommend operation at 200 ~ 240 V AC.) • **Max. current drain:** 20 A (at 100 ~ 120 V AC; 500 W output power), 18 A (at 200 ~ 240 V AC; 1 kW output power) • **Output power (at 200 ~ 240 V AC):** (1.8 ~ 21 MHz bands) 1 kW (24.5 and 28 MHz bands) 800 W • **Spurious emissions:** less than 60 dB below peak output power

OPTIONS

HF TRANSCEIVER, ALL MODE TRANSCEIVER AND COMMUNICATIONS RECEIVER OPTIONS

<A>

•AG-25, AG-35, AG-1200 WEATHERPROOF PREAMPLIFIER

External all-weather mast-mount preamplifiers for compensating for coaxial cable loss.

Operating band: AG-25 144 MHz

AG-35 430 MHz

AG-1200 1200 MHz

•AH-2a, AH-3 HF AUTOMATIC ANTENNA TUNERS

Allow HF operation even in places where a long antenna element is difficult to use — in apartments, condos or for mobile operations.

•AH-2b ANTENNA ELEMENT

2.5 m (8.2 ft) stainless steel antenna element plus all the necessary hardware for 3.5 ~ 28 MHz mobile operation. For the AH-2a and AH-3.

•AH-610 28/50 MHz DUAL BAND ANTENNA

•AH-7000 SUPER WIDEBAND OMNIDIRECTIONAL ANTENNA

•IC-AT100 100 W AUTOMATIC ANTENNA TUNER

Input impedance: 16.7 ~ 150 Ω

Input power: Max. 100 W

•AT-150 AUTOMATIC ANTENNA TUNER

Input impedance: 16.7 ~ 150 Ω

Input power: Max. 150 W

•IC-AT500 500 W AUTOMATIC ANTENNA TUNER

Input impedance: 16.7 ~ 150 Ω

Input power: Max. 500 W

<C>

•CR-64, CR-263, CR-282 HIGH-STABILITY CRYSTAL UNITS

Frequency stability: ± 100 Hz, ± 0.5 ppm
(-30°C ~ +60°C; -22°F ~ +140°F)

•CT-16 SATELLITE INTERFACE UNIT

Easy tuning for instant satellite communications using another Icom transceiver.

•CT-17 CI-V LEVEL CONVERTER

For transceiver and communications receiver remote control using a personal computer equipped with an RS-232C port.

<E>

•EX-20 AUTOMATIC ANTENNA SELECTOR

Selects a 28 or 50 MHz antenna synchronized with the IC-575A/H.

•IC-EX243 ELECTRONIC KEYS UNIT

Allows you electronic keyer operation with the IC-735.

•IC-EX257 FM UNIT

Adds FM mode receive capability to your IC-R71A/E/D.

•IC-EX310 VOICE SYNTHESIZER UNIT

A clear, electronically generated voice announces the displayed frequency in English.

•EX-627 HF AUTOMATIC ANTENNA SELECTOR

Automatically selects 1 to 7 antennas according to band changing conditions from your Icom HF transceiver.

<G>

•GC-5 WORLD CLOCK

Gives you worldwide coverage of every time zone.

<H>

•HM-36 HAND MICROPHONE

•HP-2 COMMUNICATION HEADPHONES

<I>

•IC-2KL 500 W LINEAR AMPLIFIER

Advanced all-solid-state 500 W linear amplifier.

•IC-4KL 1 kW HF LINEAR AMPLIFIER

Advanced all-solid-state 1 kW linear amplifier. See p. 27 for details.

<M>

•IC-MB5, IC-MB12, MB-18 MOBILE MOUNTING BRACKETS

•MB-19 RACK MOUNTING HANDLES

Transceiver mounting handle for a 19-inch mounting rack.

•MB-23 CARRYING HANDLE

Carrying handle for easy portable operation.

<P>

•IC-PS15 AC POWER SUPPLY

Output voltage: 13.8 V DC

Max. current: 20 A

•IC-PS30 AC POWER SUPPLY

Equipped with 3 output connectors.

Output voltage: 13.8 V DC

Max. current: 25 A

•IC-PS35 INTERNAL POWER SUPPLY

Built-in-type power supply for the IC-751A.

Output voltage: 13.8 V DC

Max. current: 20 A

•PS-55 AC POWER SUPPLY

Output voltage: 13.8 V DC

Max. current: 20 A

<R>

•RC-10 FREQUENCY CONTROLLER

Adds convenient direct frequency entry capability via the keyboard to your IC-751A.

•RC-11, RC-12 WIRELESS REMOTE CONTROLLERS

Infrared remote controllers for effortless receiver control.

RC-11: For the IC-R71A/E/D.

RC-12: For the IC-R7000.

<S>

•SM-6 DESKTOP MICROPHONE

Easy-to-use electret condenser-type microphone for base station operation.

•SM-8 DESKTOP MICROPHONE

Up/down switches included. Can be used with 2 transceivers.

•IC-SP3 EXTERNAL SPEAKER

Input impedance: 8 Ω

Max. input power: 4 W

•SP-7 EXTERNAL SPEAKER

Input impedance: 8 Ω

Max. input power: 5 W

•SP-20 EXTERNAL SPEAKER WITH AUDIO FILTERS

Input impedance: 8 Ω

Max. input power: 5 W

<T>

•TV-R7000 TV RECEIVER ADAPTER

Adds TV reception capability to your IC-R7000.

•TV-1275 ATV ADAPTER

Allows you advanced ATV operation with your IC-1275A/E.

<U>

•UI-7 AM-FM UNIT

AM transmit, FM transmit/receive unit for the IC-725.

•UT-30 PROGRAMMABLE TONE ENCODER UNIT

Allows you to access a repeater that requires a subaudible tone.

•UT-34 TONE SQUELCH UNIT

•UT-36 VOICE SYNTHESIZER UNIT

A clear, electronically generated voice announces the displayed frequency in English.

•UX-14 CI-IV/CI-V CONVERTER

Allows you to use some former-type Icom transceivers. Ask your Icom Dealer for details.

MOBILE TRANSCEIVER OPTIONS

<A>

•AH-32 144/430 MHz DUAL BAND MOBILE ANTENNA

•AHB-32 TRUNK MOUNT

For the AH-32. Attaches to your vehicle trunk.

•AH-1200 1200 MHz MOBILE ANTENNA

•AHB-1200 TRUNK MOUNT

For the AH-1200. Attaches to your vehicle trunk.

<C>

•CF-11 COOLING FAN UNIT

Ensures continuously cool IC-900A/E band unit operations.

<E>

•EX-766 INTERFACE UNIT

Gives you independent transceiver control using a separate remote control with the IC-901A/E.

•EX-767 POWER CABLE CONNECTOR BOX

Provides power to the IC-901A/E main body and up to 3 optional band units.

<H>

•HM-14 DTMF MICROPHONE

•HM-16 SPEAKER MICROPHONE

•HM-17 SPEAKER MICROPHONE

1750 Hz tone call included.

•HS-15 FLEXIBLE MOBILE MICROPHONE

•HS-15SB SWITCHBOX

PTT switchbox for use with the HS-15.

<M>

•MB-21 REMOTE CONTROLLER BRACKET

Mobile bracket for the IC-900A/E's remote controller.

<O>

•OPC-189 OPTICAL FIBER CABLE

Allows you 20 m (65.6 ft) separate installation of your IC-900A/E or IC-901A/E remote controller and band units.

<P>

•IC-PS30 AC POWER SUPPLY

Equipped with 3 output connectors.

Output voltage: 13.8 V DC

Max. current: 25 A

•PS-45 AC POWER SUPPLY

Output voltage: 13.8 V DC

Max. current: 8A

<S>

•SM-6 DESKTOP MICROPHONE

Easy-to-use electret condenser-type microphone for base station operation.

•SM-8 DESKTOP MICROPHONE

Can be used with 2 transceivers.

•IC-SP4, SP-8, SP-10, SP-12 EXTERNAL SPEAKERS

External speakers designed for mobile operation.

IC-SP4 Input impedance: 4 Ω

Max. input power: 3 W

SP-8 Input impedance: 8 Ω

Max. input power: 4 W

SP-10 Input impedance: 4 Ω

Max. input power: 5 W

SP-12 Input impedance: 8 Ω

Max. input power: 3 W

•SP-7 EXTERNAL SPEAKER

External speaker for base station operation.

Input impedance: 8 Ω

Max. input power: 5 W

<U>

•UT-28 DIGITAL CODE SQUELCH UNIT

•UT-29 TONE SQUELCH UNIT

•UT-40 TONE SQUELCH UNIT

•UT-48 DTMF ENCODER/DECODER UNIT

Enables you to operate the pager and code squelch functions with the IC-901A/E.

OPTIONS

HF TRANSCEIVER, ALL MODE TRANSCEIVER AND COMMUNICATIONS RECEIVER OPTIONS

Transceivers and receivers		IC-781	IC-765	IC-725	IC-726	IC-735	IC-751A	IC-575A/H	IC-275A/E/H	IC-475A/E/H	IC-1275A/E	IC-375A	IC-R9000	IC-R71A/E/D	IC-R7000
Options	IC-PS15						*3								
	PS-55	*1	*1	*3	*3	*3		*2	*2	*2	*1	*1	*1	*1	*1
External AC power supplies	IC-PS30														
	IC-PS35														
Internal AC power supply	IC-SP3						*3							*3	*3
	SP-7			*3	*3	*3		*3	*3	*3	*3	*3			
	SP-20	*3	*3										*3		
HF linear amplifiers	IC-2KL	*4	*4	*4	*4	*4									
	IC-4KL						*8								
HF automatic antenna tuners	AH-2a						*8								
	AH-3														
	IC-AT100			*4	*4	*4									
	AT-150						*8								
Antenna selectors	IC-AT500			*4	*4	*4									
	EX-20														
Antennas	EX-627						*8								
	AH-2b														
	AH-610														
Weatherproof preamplifiers	AH-7000														
	AG-25														
	AG-35														
Microphones	AG-1200														
	HM-36														
	SM-6														
Communication headphones	SM-8														
	HP-2														
Mounting brackets	IC-MB5														
	IC-MB12														
	MB-18														
Handles	MB-19	*5											*5		
	MB-23														
World clock	GC-5														
Frequency controller	RC-10														
Wireless remote controllers	RC-11														
	RC-12														
TV adapters	TV-R7000												*9		
	TV-1275														
CI-V System	CT-16						*6							*6	
	CT-17						*6							*6	
	UX-14														
High-stability crystal units	CR-64	*1											*1		
	CR-263														
	CR-282														
Electronic keyer unit	IC-EX243	*1	*1				*1								
FM unit	IC-EX257														
AM-FM unit	UI-7				*1										
Tone encoder unit	UT-30	*1						*1	*7	*7	*7	*1			
Tone squelch unit	UT-34														
Voice synthesizer units	IC-EX310														
	UT-36														

*1 Option unnecessary. Function included.

*2 Already included with the IC-575A, IC-275A/E and IC-475A/E.

*3 Style and size are matched with the equipment.

*4 An optional OPC-118 CABLE is required.

 : Applicable  : Not applicable

*5 Already supplied.

*6 An optional UX-14 is required.

*7 Option unnecessary. Function included except with Europe version.

*8 An optional OPC-137 CABLE is required.

*9 Option unnecessary. Function included except France version.

OPTIONS

FILTERS

	Center frequency	Bandwidth	IC-781	IC-765	IC-725 IC-726	IC-735	IC-751A	IC-575A/H	IC-275A/E/H/ IC-1275A/E	IC-375A IC-475A/E/H	IC-R71A/E/D	IC-R9000
FL-52A	455 kHz	500 Hz/-6 dB	Built-in	Built-in								Built-in
FL-53A		250 Hz/-6 dB	Built-in				Either					
FL-32A	9.0106 MHz	500 Hz/-6 dB	Built-in	Built-in			Built-in					
FL-63A		250 Hz/-6 dB				Either	*2				Either	
FL-100		500 Hz/-6 dB										
FL-101		250 Hz/-6 dB	Built-in		Either			Either				
FL-102	9.0100 MHz	6.0 kHz/-6 dB	Built-in									
FL-70	9.0115 MHz	2.8 kHz/-6 dB										
FL-103		2.8 kHz/-6 dB	*1									
FL-83	10.7491 MHz	500 Hz/-6 dB										

*1 Replace with the FL-102.

*2 Replace with the FL-32A.

■ : Applicable

□ : Not applicable

MOBILE TRANSCEIVER OPTIONS

Options \ Transceivers		IC-901A/E	IC-900A/E	IC-2400A/E	IC-3210A/E	IC-2500A/E	IC-228A/E/H	IC-28A/E/H	IC-448A/E	IC-1201A/E	IC-38A
Antennas	AH-32+AHB-32										
	AH-1200+AHB-1200										
Cooling fan	CF-11										
Interface unit	EX-766										
Power cable connector box	EX-767										
Microphones	HM-14	*1	*1	*1	*1	*1	*1	*1	*1	*1	*1
	HM-16										
	HM-17										
	SM-6										
	SM-8										
Flexible microphone	HS-15+HS-15SB										
Bracket	MB-21										
	MB-31										
	MB-32										
Optical fiber cable	OPC-189										
AC power supplies	IC-PS30										
	PS-45						*2	*2		*4	*4
External speakers	IC-SP4										
	SP-7										
	SP-8										
	SP-10										
	SP-12										
Digital code squelch unit	UT-28										
Tone squelch units	UT-29										
	UT-40	*3		*3		*3					
DTMF encoder/decoder unit	UT-48										

*1 Already supplied with the U.S.A. version.

*3 Up to two UT-40s can be installed.

■ : Applicable

*2 Except the IC-228H and IC-28H.

*4 An optional OPC-120 DC POWER CABLE is required.

□ : Not applicable

OPTIONS

HANDHELD TRANSCEIVER OPTIONS

<A>

•AD-12 EXTERNAL POWER ADAPTER

For using a 13.8 V DC external power source with your "G" series handhelds.

•BA-10 BOTTOM CAP

Protects terminals on the base of your transceiver when the battery pack is removed.

•BA-11 BOTTOM CAP

Protects terminals on the base of your transceiver when the battery pack is removed. Same type supplied with the "SAT/SET" series transceivers.

•BA-12 BATTERY CHARGE ADAPTER

Charger adapter designed for "SAT/SET" series transceivers. The internal batteries can be rapidly charged with the BC-72.

•BC-16U/E, BC-17, BC-18 WALL CHARGERS

Fully charge the BP-5A, BP-7 and BP-8.

•BC-25U/E, BC-26E, BC-27 WALL CHARGERS

Fully charge the BP-3.

•BC-35, BC-36 AC BATTERY CHARGERS

Desktop rapid chargers for the BP-2 ~ BP-8 and BP-70. Rapidly charges the BP-2, BP-5, BP-5A, BP-7 and BP-8. Regularly charges the BP-3 and BP-70.

•BC-72 DESKTOP CHARGER

Rapidly charges the BP-81 ~ BP-85. By using an optional BA-12, the "SAT/SET" series transceiver internal batteries are also rapidly charged. Both AC and DC can be used as a power supply.

•BC-73E/D WALL CHARGER

Fully charges the BP-81 and BP-82. Available in Europe and Asia only.

•BC-74A/E/D/V WALL CHARGER

Fully charges the BP-81 ~ BP-85.

<C>

•CP-1 CIGARETTE LIGHTER CABLE

Charges a battery pack with a 12 V cigarette lighter socket.

•CP-10 BATTERY SEPARATION CABLE

For separating a handheld from the battery pack.

•CP-11 CIGARETTE LIGHTER CABLE WITH NOISE FILTER

Allows you to use your transceiver through a 12 V cigarette lighter socket. Also charges the BP-3, BP-5A, BP-7, BP-8 and BP-70.

•CP-12 CIGARETTE LIGHTER CABLE WITH NOISE FILTER

Allows you to use your transceiver through a 12 V cigarette lighter socket. Also charges the BP-81 ~ BP-85 and "SAT/SET" series transceiver internal batteries.

<D>

•DC-1 DC-DC CONVERTER

Allows you to operate your IC-2A/AT/E using an external 13.8 V DC power source.

<F>

•FA-2 144 MHz FLEXIBLE ANTENNA

Same type antenna supplied with the IC-2A/AT/E and IC-02A/AT/E.

•FA-3 430 (440) MHz FLEXIBLE ANTENNA

Same type antenna supplied with the IC-4GAT/GE and IC-04AT/E.

•FA-140BA 144 MHz FLEXIBLE ANTENNA

Same type antenna supplied with the IC-2GA/GAT/GE.

•FA-140BB 144 MHz FLEXIBLE ANTENNA

Same type antenna supplied with the IC-2SA/SE and IC-2SAT/SET.

•FA-215B 220 MHz FLEXIBLE ANTENNA

Same type antenna supplied with the IC-03AT.

•FA-215BA 220 MHz FLEXIBLE ANTENNA

Same type supplied with the IC-3SAT.

•FA-430BB 430 (440) MHz FLEXIBLE ANTENNA

Same type antenna supplied with the IC-4SA/SE and IC-4SAT/SET.

•FA-1240T 1200 MHz FLEXIBLE ANTENNA

Same type antenna supplied with the IC-12GAT/GE.

•FA-1443B 144/430 (440) MHz DUAL BAND FLEXIBLE ANTENNA

Same type antenna supplied with the IC-32A/AT/E.

•FA-1443BA 144/430 (440) MHz DUAL BAND FLEXIBLE ANTENNA

Same type antenna supplied with the IC-24AT/ET.

<H>

•HM-9, HM-9L SPEAKER-MICROPHONES

Combination speaker and microphone.

HM-9: Straight plug

HM-9L: "L"-type plug

•HM-46, HM-46L SPEAKER MICROPHONES

Combination speaker microphone equipped with an earphone jack. Clips to your suit pocket or lapel.

HM-46: Straight plug

HM-46L: "L"-type plug

•HM-54 SPEAKER-MICROPHONE

Combination speaker microphone. Clips to your suit pocket or lapel.

•HS-51 HEADSET

Headset with VOX function that allows you hands-free operation. Also includes PTT and "one touch PTT."

<M>

•MB-16 MOBILE MOUNTING BRACKET

Transceiver bracket for mobile operation.

•MB-16D WALL BRACKET

For placing your transceiver in a convenient location.

•MB-24 MOUNTING BRACKET (Hanger-Type)

For placing your transceiver in a convenient location.

•MB-25 MOUNTING BRACKET (Wall-type)

Transceiver bracket for mobile operation.

•MB-30 MOUNTING BRACKET

Mounts your transceiver in a vehicle or on a wall.

<O>

•OPC-207 DC POWER CABLE

For use with a 13.8 V DC power supply. Also charges the BP-3, BP-5A, BP-7, BP-8, BP-70 and BP-21 ~ BP-24.

•OPC-254 MINI DC POWER CABLE

For use with a 13.8 V DC power supply. Equipped with fuses. Also charges the BP-81 ~ BP-85 and "SAT/SET" series transceiver internal batteries.

<S>

•ST-10 SHOULDER STRAP

For carrying your handheld anywhere.

<U>

•UT-40 TONE SQUELCH UNIT

Tone squelch unit and pocket beep unit. Also functions as a programmable tone encoder.

•UT-41 DTMF ENCODER UNIT

Provides repeater access and autopatch operation.

•UT-49 DTMF DECODER UNIT

Ensures pager and code squelch functions with DTMF codes.

•UT-50 TONE SQUELCH UNIT

Provides a "personalized" tone squelch system with other stations. Also functions as a programmable tone encoder.

•UT-51 PROGRAMMABLE TONE ENCODER UNIT

Allows you to access a repeater requiring a subaudible tone.

BATTERY PACKS AND BATTERY CASES

Icom offers a wide variety of battery packs and a battery case for your handhelds.

For the IC-2SA/SE, IC-4SA/SE, IC-2SAT/SET, IC-3SAT, IC-4SAT/SET and IC-24AT/ET:

Model	Output voltage	Battery capacity	Height
BP-81	7.2 V	110 mAh	30.0 mm; 1.2 in
BP-82	7.2 V	300 mAh	40.0 mm; 1.6 in
BP-83	7.2 V	600 mAh	59.5 mm; 2.3 in
BP-84	7.2 V	1000 mAh	76.0 mm; 3.0 in
BP-85	12.0 V	340 mAh	76.0 mm; 3.0 in
BP-86	Battery case for six R6 (AA) size batteries.		59.5 mm; 2.3 in

For the IC-2A/AT/E, IC-02A/AT/E, IC-03AT, IC-04AT/E, IC-2GA/GAT/GE, IC-4GAT/GE and IC-12GAT/GE:

Model	Output voltage	Battery capacity	Height
BP-2*	7.2 V	450 mAh	39.0 mm; 1.5 in
BP-3	8.4 V	270 mAh	39.0 mm; 1.5 in
BP-4	Battery case for six R6 (AA) size batteries.		49.0 mm; 1.9 in
BP-5*	10.8 V	450 mAh	56.0 mm; 2.2 in
BP-5A	10.8 V	450 mAh	80.0 mm; 3.1 in
BP-7	13.2 V	450 mAh	80.0 mm; 3.1 in
BP-8	8.4 V	800 mAh	80.0 mm; 3.1 in
BP-70	13.2 V	270 mAh	61.0 mm; 2.4 in

*No charger jack is equipped. Use the BC-35 or BC-36 for charging.

OPTIONS

BATTERY CHARGERS AND CHARGING TIMES

	"SAT/SET" INTERNAL BATTERIES	BP-81	BP-82	BP-83	BP-84	BP-85
BC-72	1 hr.	1 hr.	1 hr.	1 hr.	1 hr.	1.5 hrs.
BC-73E/D*	15 hrs.	15 hrs.	15 hrs.	N/A	N/A	N/A
BC-74A/E/D	15 hrs.	15 hrs.	15 hrs.	15 hrs.	15 hrs.	15 hrs.
CP-12 OPC-254	15 hrs.	15 hrs.	15 hrs.	15 hrs.	15 hrs.	15 hrs.

*Available in Asia and Europe only.

N/A: Not applicable.

	BP-2	BP-3	BP-5	BP-5A	BP-7	BP-8	BP-70
BC-16U/E BC-17 BC-18	N/A	N/A	N/A	15 hrs.	15 hrs.	15 hrs.	9 hrs.
BC-25U/E BC-26E BC-27	N/A	15 hrs.	N/A	N/A	N/A	N/A	N/A
BC-35U/E BC-36	1.5 hrs.	15 hrs.	1.5 hrs.	1.5 hrs.	1.5 hrs.	3 hrs.	9 hrs.
CP-1 CP-11 OPC-207	N/A	15 hrs.	N/A	15 hrs.	15 hrs.	15 hrs.	9 hrs.


N/A: Not applicable.


CARRYING CASES

Carrying cases are available for transporting and protecting your transceiver according to battery packs, battery cases and bottom caps.

	IC-2SA/SE IC-4SA/SE	IC-2SAT/SET IC-3SAT IC-4SAT/SET	IC-24AT/ET
BA-11	LC-53	LC-57	LC-63
BP-81	LC-53	—	LC-63
BP-82	LC-55	LC-59	LC-65
BP-83	LC-55	LC-59	LC-65
BP-84	LC-56	LC-61	LC-66
BP-85	LC-56	LC-61	LC-66
BP-86	LC-55	LC-59	LC-65

	IC-2A/E	IC-2AT	IC-02A/AT/E IC-03AT IC-04AT/E	IC-2GA/GE IC-4GA/GE IC-12GE	IC-2GAT IC-4GAT IC-12GAT	IC-32A/AT/E
BP-2	LC-3	LC-7	LC-11	LC-35	LC-38	LC-41
BP-3	LC-3	LC-7	LC-11	LC-35	LC-38	LC-41
BP-4	LC-2	LC-6	LC-11	LC-35	LC-38	LC-41
BP-5	LC-1	LC-5	LC-12	LC-36	LC-39	LC-42
BP-5A	LC-18	—	LC-14	LC-37	LC-40	LC-43
BP-7	—	—	LC-14	LC-37	LC-40	LC-43
BP-8	LC-18	—	LC-14	LC-37	LC-40	LC-43
BP-70	—	—	LC-12	LC-36	LC-39	LC-42
DC-1	LC-3	LC-7	—	—	—	—

 : Applicable

 : Not applicable

*1 For charging the BP-3, BP-5A, BP-7, BP-8 and BP-70

*2 An optional DC-1 is required.

*3 An optional AD-12 is required.

*4 Except for full duplex operation.

*5 Except the IC-2GE, IC-4GE and IC-12GE.

*6 Already included with the IC-2GAT, IC-4GAT and IC-12GAT.

HANDHELD TRANSCEIVER OPTIONS

Options	Transceivers	IC-2SA/SE	IC-2SAT/SET	IC-2GA/GAT/GE	IC-02A/AT/E	IC-24AT/ET	IC-32A/AT/E	IC-4SA/SE	IC-4SAT/SET	IC-4GAT/GE	IC-04AT/E	IC-12GAT/GE	IC-3SAT	IC-03AT
Battery packs	BP-2													
	BP-3													
	BP-5													
	BP-5A													
	BP-7													
	BP-8													
	BP-70													
	BP-81													
	BP-82													
	BP-83													
	BP-84													
	BP-85													
Battery cases	BP-4													
	BP-86													
Cables	CP-1			*1	*1	*2	*1			*1	*1	*1	*1	
	CP-10													
	CP-11			*3	*2					*3	*3			
	CP-12													
	OPC-207			*3	*2					*3	*3			
	OPC-254													
DC-DC converter	DC-1													
Flexible antennas	FA-2													
	FA-3													
	FA-140BA													
	FA-140BB													
	FA-215B													
	FA-215BA													
	FA-430BB													
	FA-1240T													
	FA-1443B													
	FA-1443BA													
Speaker-microphones	HM-9													
	HM-9L													
	HM-46													
	HM-46L													
	HM-54													
Headset	HS-51						*4	*4						
Mounting brackets	MB-16													
	MB-16D													
	MB-24													
	MB-25													
	MB-30													
Built-in units	UT-40				*5					*5	*5			
	UT-41				*6					*6	*6			
	UT-49													
	UT-50													
	UT-51													
Other options	AD-12													
	BA-10													
	BA-11													
	BA-12													
	ST-10													



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VHF/UHF FM TRANSCEIVER

IC-Q7A (U.S.A. version)

IC-Q7E (Europe version)



Dual band transceiver with wide band receiver

Wide band receive capability—30 to 1300 MHz

The IC-Q7A/E is a mini-power*¹ dual band transceiver with a wide band receiver. The built-in receiver covers a wide frequency range from 30 to 1300 MHz*² in FM, AM and WFM modes. This allows you to listen to the air band, TV and FM broadcast stations, the 50 MHz and 1200 MHz amateur bands and more—similar to what a dedicated wide band scanning receiver offers.

*At 3.0 V DC; 350 mW typical for VHF, 300 mW typical for UHF.

*²Some frequency ranges may be restricted depending on version.

Ultra compact, drip-resistant body

The transceiver's tiny body measures only 58(W) × 86(H) × 27(D) mm*—easily fitting in your palm or shirt pocket. And drip-resistant construction helps protect the transceiver in bad weather or when operating near the water.

*2⁹/₃₂(W) × 3³/₈(H) × 1¹/₁₆(D) in.

Tone squelch standard

Tone squelch operation provides quiet standby—only calls directed to you can open the squelch and be heard. 50 tone frequencies are available and in addition a tone scan function is provided.

Large built-in speaker

A large (36 mm; 1¹³/₃₂" diameter) speaker is built-in to the front panel of the IC-Q7A/E providing loud, crystal clear audio even in noisy environments, etc.

Economical design

Only 2 alkaline or Ni-Cd cells are needed. Total driving current has been reduced for longer battery life. Put this together and you have economical, lightweight operation.

Simple operation

The IC-Q7A/E employs an easy band switching system. When you want to change between operating bands, simply push the large band change switch. Controls have been kept to a minimum (8 switches plus power switch and dial) to ensure quick and easy access to all functions.

Automatic squelch

The automatic squelch system detects receive signal strength and adjusts the squelch level accordingly. Manual squelch can also be selected.

Other features

- LCD backlighting with timer
- Automatic repeater function (USA version only)
- 200 memory channels
- RIT function
- and more...

Icom Inc.

SPECIFICATIONS

GENERAL

- Frequency coverage : (unit: MHz)

	Transmit	Receive
USA	144-148 440-450	30- 823.995 849- 868.995 894-1309.995*
Europe	144-146 430-440	30-1309.995*
Italy	144-148 430-440	30-1309.995*
Asia	144-148 430-440	30-1309.995*
USA-1	144-148 440-450	30-1309.995*

*Specifications guaranteed 30-1300 MHz.

- Mode : FM, AM*, WFM*
*Receive only.
- No. of memory ch. : 200
- Usable temp. range : -10°C to +60°C;
+14°F to +140°F
- Tuning steps : 5, 6.25, 10, 12.5, 15, 20, 25,
30, 50 and 100 kHz
- Frequency stability : ±6 ppm (-10°C to +60°C)
- Power supply requirement:
2 × AA(R6) Ni-Cd or alkaline
cells (negative ground)
- Current drain (VHF/UHF; at 3.0 V DC):
Tx max. power 440 mA/380 mA (typical)
Rx rated audio 170 mA (typical)
standby 95 mA (typical)
power saved 38 mA (typical)
- Antenna connector : SMA (50 Ω)

- Dimensions : 58(W)×86(H)×27(D) mm;
(projections not included) 2⁹/₃₂(W)×3³/₈(H)×1¹/₁₆(D) in
- Weight : 170 g; 6 oz (w/ant. and battery)
- MIC/SP connector : 4-conductor 3.5 (d) mm (1/8");
2 kΩ/8 Ω

TRANSMITTER

- Modulation system : Variable reactance
- Output power : 350 mW typ. (VHF)
(at 3.0 V DC) 300 mW typ. (UHF)
- Spurious emissions : Less than -40 dB
- Max. freq. deviation : ±5 kHz

RECEIVER

- Receiver system : Triple conversion
superheterodyne
- Intermediate freq. : 1st 266.7 MHz
2nd 19.65 MHz
3rd 450 kHz
- Sensitivity (except spurious points; typical values):
FM 30-117.995 MHz 0.32 μV
(at 12 dB SINAD) 118-174.995 MHz 0.16 μV
175-246.995 MHz 0.22 μV
247-329.995 MHz 0.4 μV
330-379.995 MHz 0.32 μV
380-469.995 MHz 0.18 μV
470-749.995 MHz 1.0 μV
750-999.995 MHz 0.32 μV
1000-1199.995 MHz 0.79 μV
1200-1300 MHz 0.5 μV

WFM	76-108.0 MHz	1.0 μV
(at 12 dB SINAD)	175-221.995 MHz	1.0 μV
	470-770 MHz	5.6 μV
AM	118-136.0 MHz	0.56 μV
(at 10 dB S/N)	222-246.995 MHz	0.79 μV
	247-329.995 MHz	1.4 μV

- Squelch sensitivity : 0.18 μV (144-148 MHz)
0.22 μV (430-450 MHz)
- Selectivity :
FM, AM More than 15 kHz/-6 dB
Less than 30 kHz/-60 dB
WFM More than 150 kHz/-6 dB
- Image rejection ratio : More than 60 dB
(amateur bands only)
- Audio output power : 100 mW typ. at 10% distortion
(at 3.0 V DC) with an 8 Ω load

Supplied accessories

- Antenna
- Belt clip
- Hand strap

All stated specifications are subject to change without notice or obligations.

OPTIONS

BC-127
Ni-Cd CHARGER



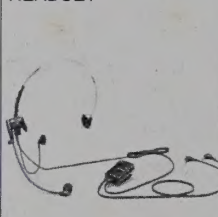
Charges supplied 2 AA (R6) 700 mAh Ni-Cd cells simultaneously in 7 hours. Up to 4 cells can be charged.

LC-146
CARRYING CASE



Helps protect the transceiver from scratches, etc.

HS-85
HEADSET



Allows you hands-free operation. Includes VOX, PTT, "one-touch PTT" (TOT). OPC-782 is additionally required.

HM-46
SPEAKER-
MICROPHONE



Compact and lightweight. Equipped with an ear-phone jack. OPC-782 is additionally required.

SP-13
EARPHONE



Provides clear audio in noisy environments. OPC-782 is additionally required.

OPC-782
PLUG ADAPTER
CABLE



Allows connection between a transceiver and speaker-microphone, headset, etc.

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